

GEORGE ENGELMANN BOTANICAL NOTEBOOKS

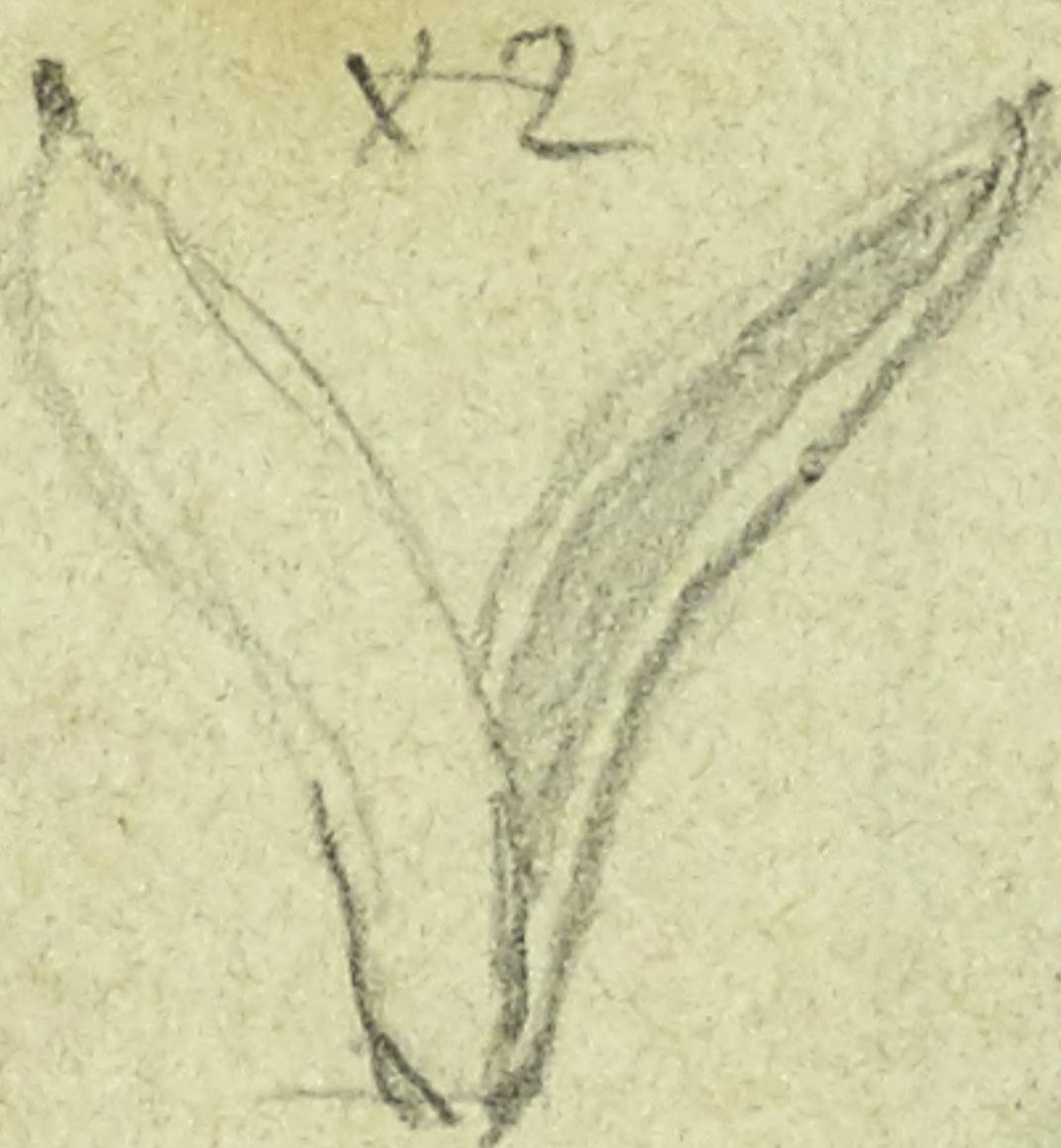
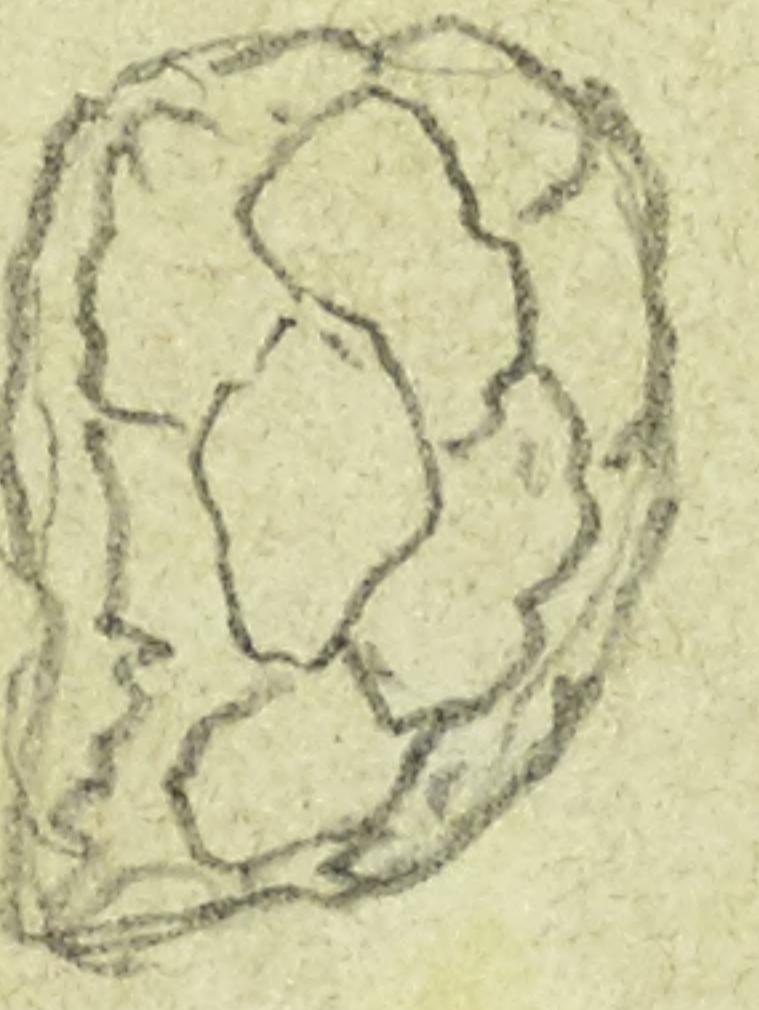
*Pagination Note:
Since many of the items lack a specific
page number, the page number displayed
online refers to the sequentially created
number each item was given upon
cataloging the materials.*

Erythrea

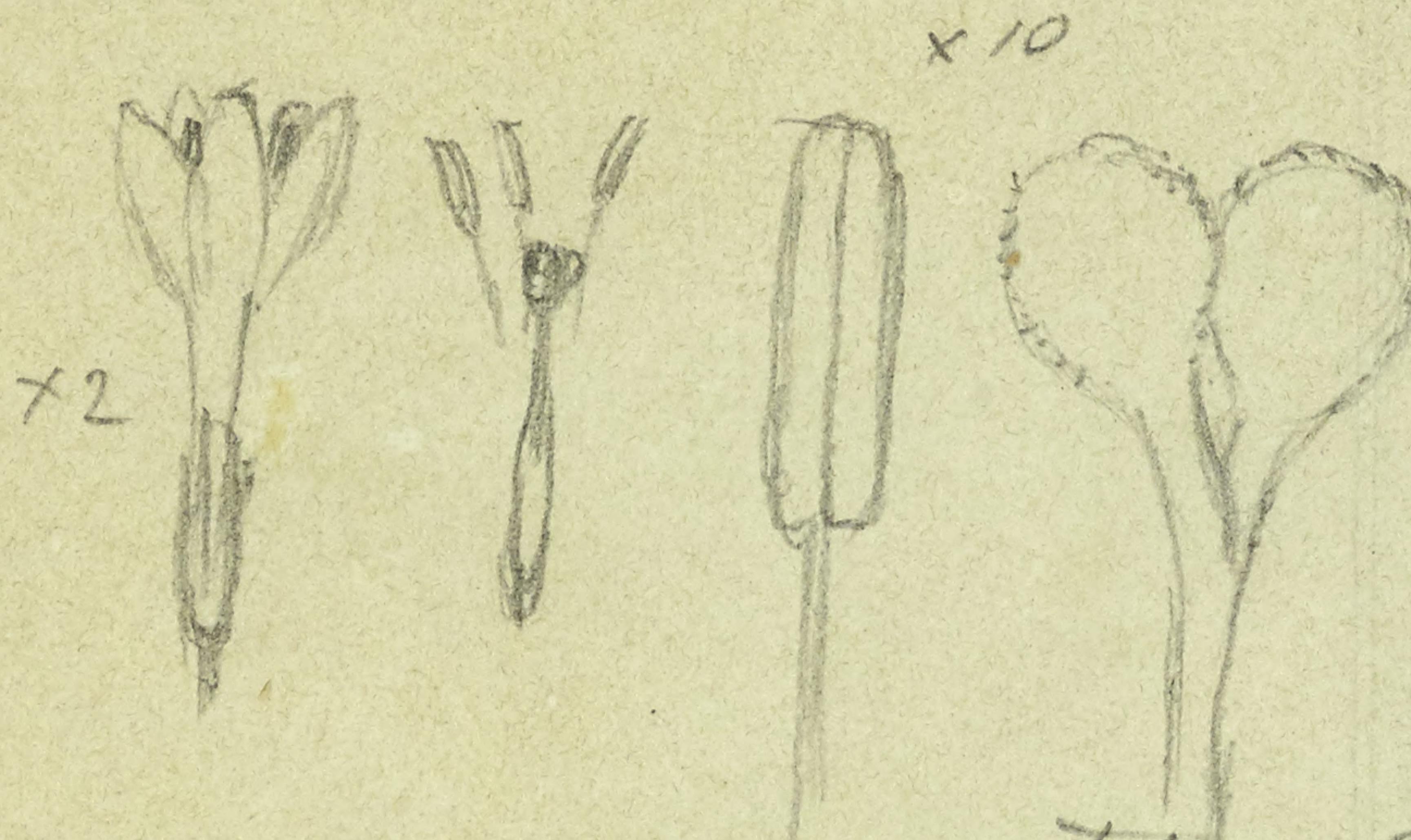
Aug 31 1875

J. E. Aix Tusculana Nov 3rd 1868

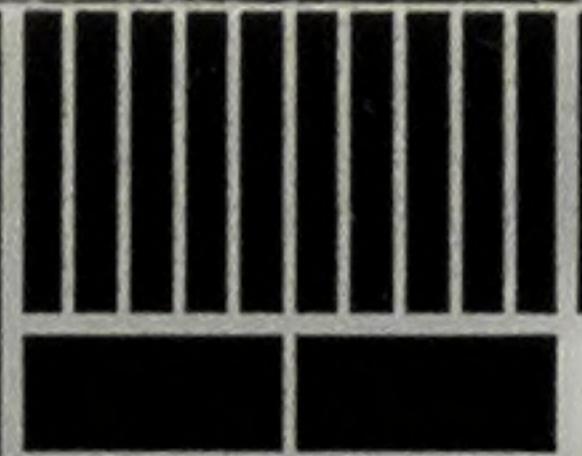
ripe seeds x60



$$\frac{17-21}{60} = 0.3 - 0.35 \text{ mm}$$



stylles bifidus



0 1 2 3 4 5 6 7 8 9 10

cm

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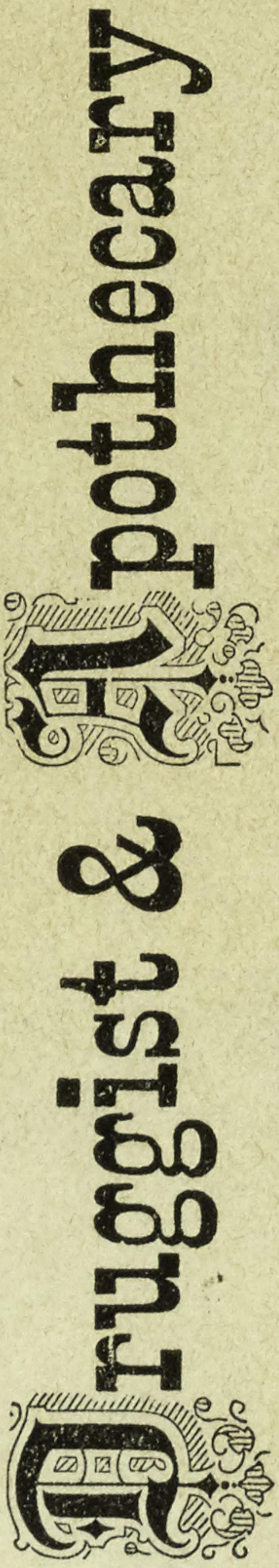


MISSOURI
BOTANICAL
GARDEN

3901

R. C. HARRISON,

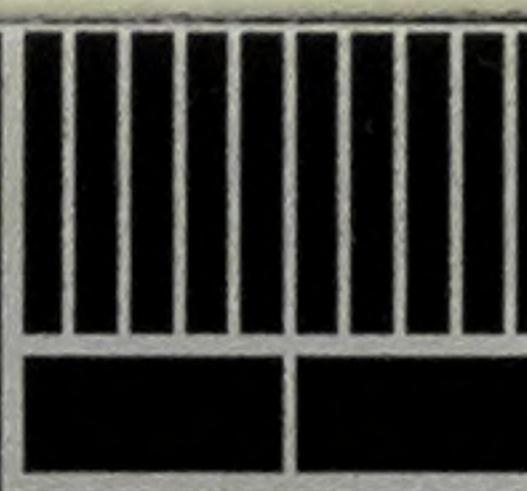
508 Leffingwell Avenue,



MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

G. F. ENGLEMAN, M.D.,

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0 1 2 3 4 5 6 7 8 9 10
cm

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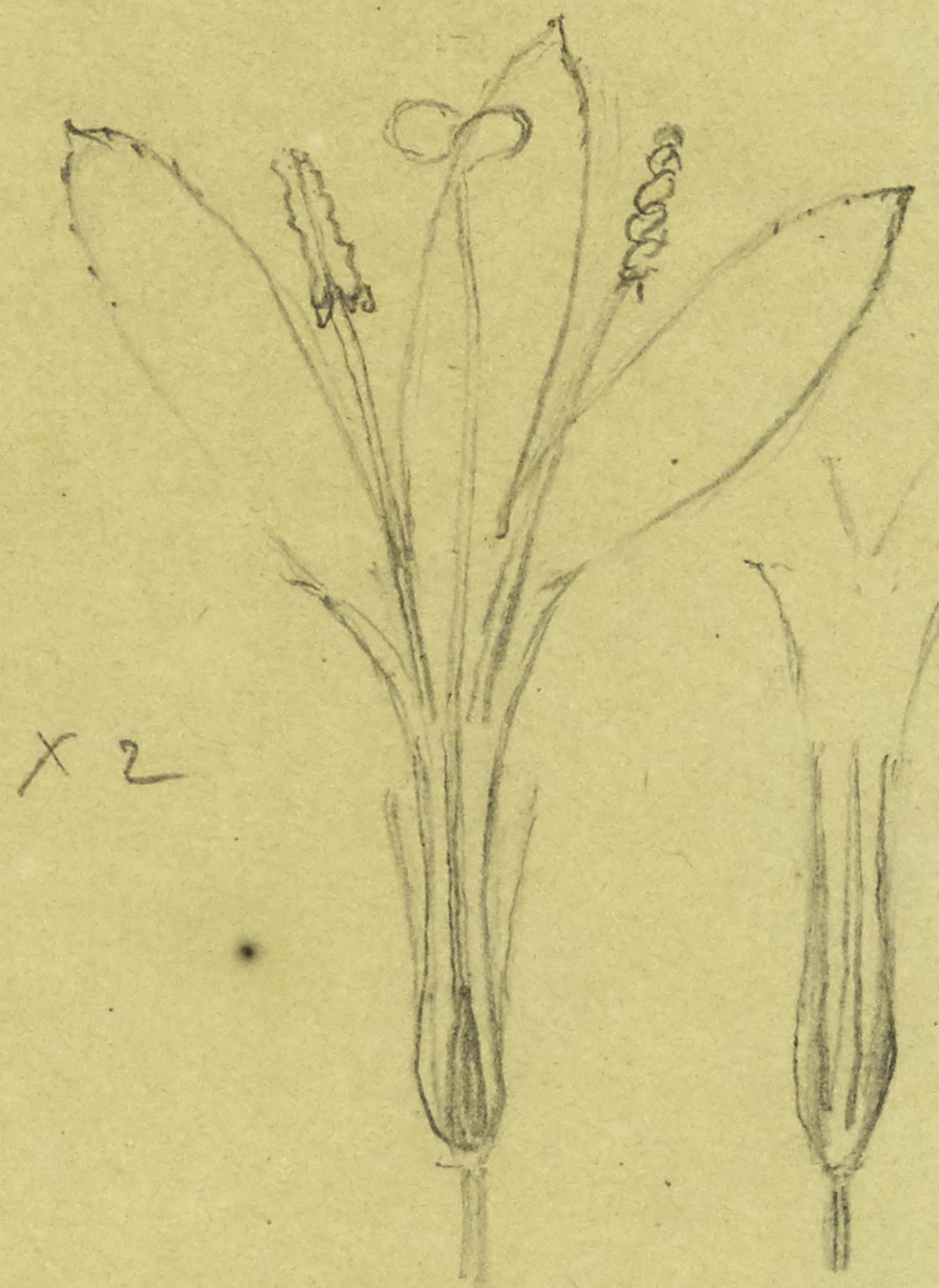
7

Erythronium Bigatti's Inv & No. Det. May 9

Nov. 12 1874

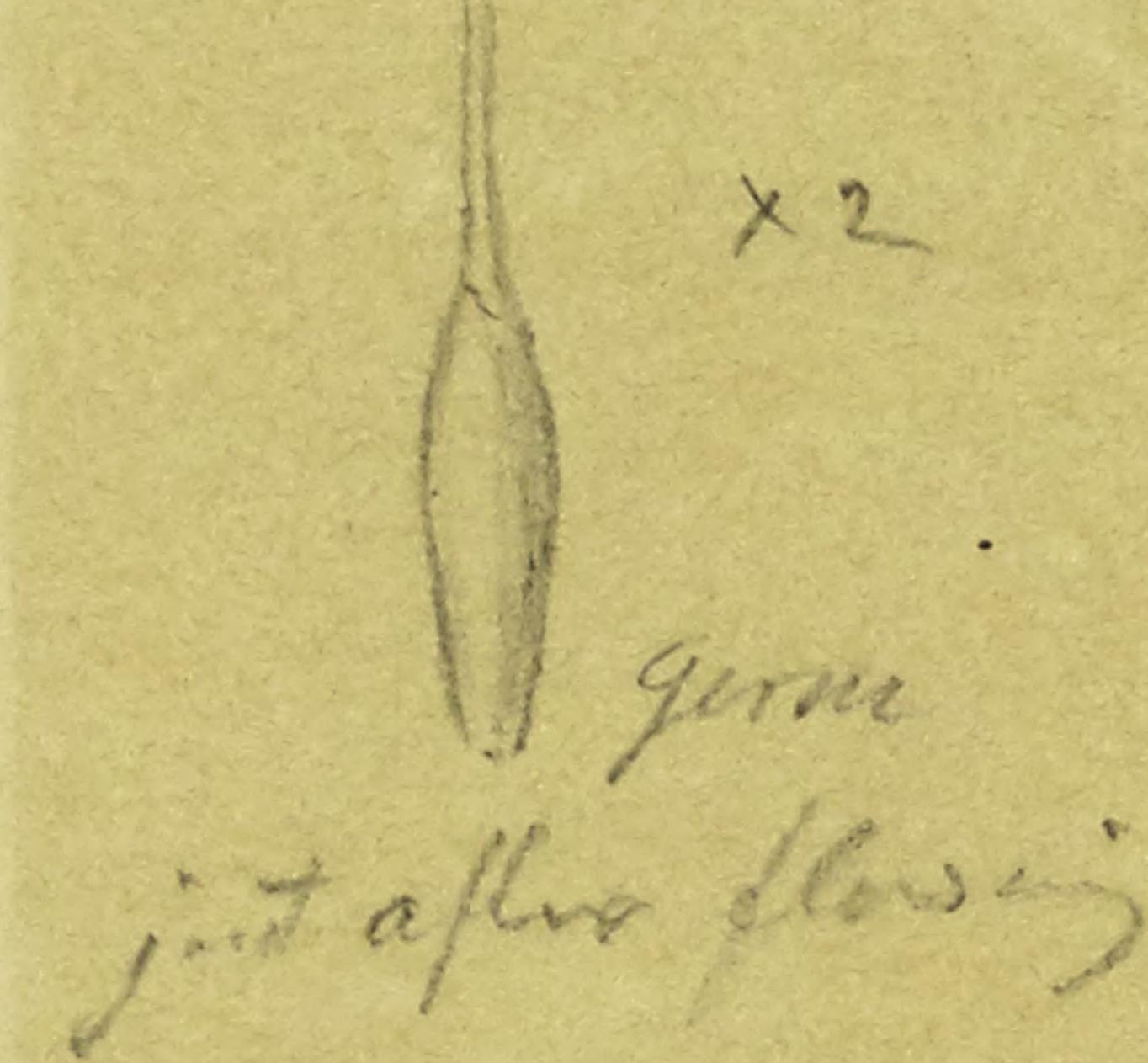
Feb 13

40 Linnaea No 464



lobis oblongi
ovarii

style as long as lobes of corolla
at least oft longer



germ
just after flower

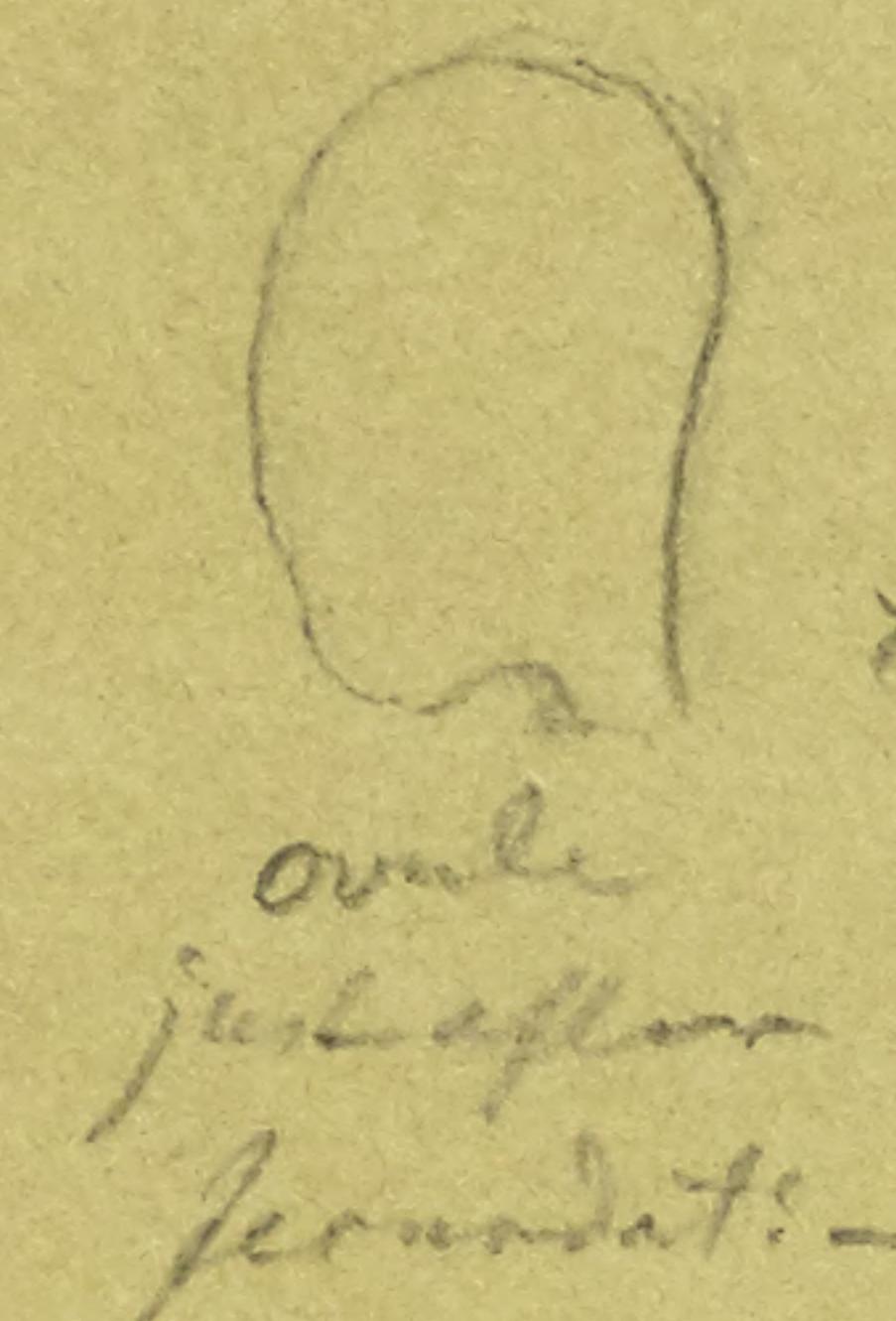


anther of bud.

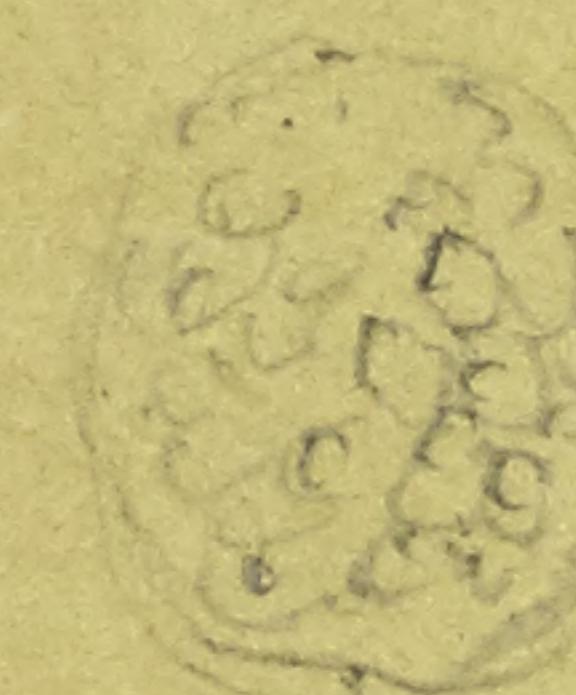
x10



anther of young bud
ochiorene internal, ventral



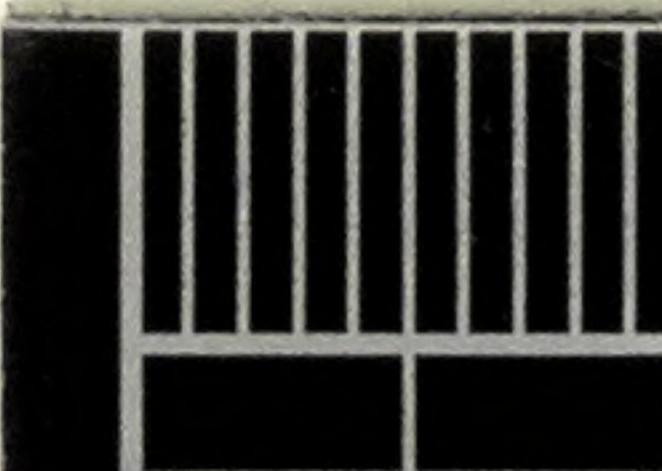
ovule
just after
fertilizati-



x60

immature seed

x30



0
cm

1

2

3

4

5

6

7

8

9

10

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GARDEN

HENRY EHREHARDT,
PHARMACEUTICAL CHEMIST,
No. 301 South Fifth Street, Cor. Myrtle, ST. LOUIS.

187

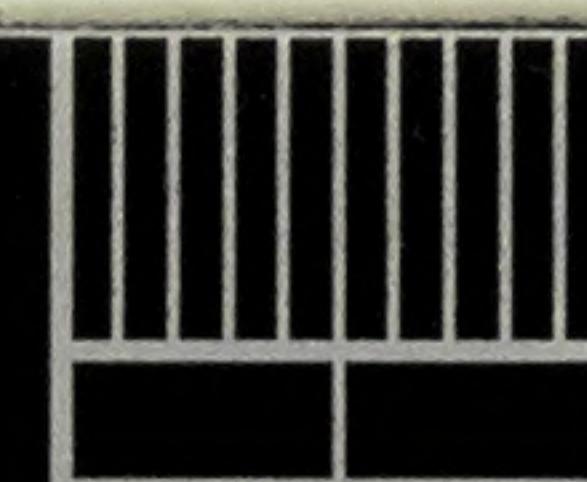
Date

No.

Or

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3902



0
cm

1

2

3

4

5

6

7

8

9

10

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Erythronium Chilensis ?
Chile, Gherbrachl

May 14 1875

Flor tetra nema!

x2



x30



seed 0.22 mm



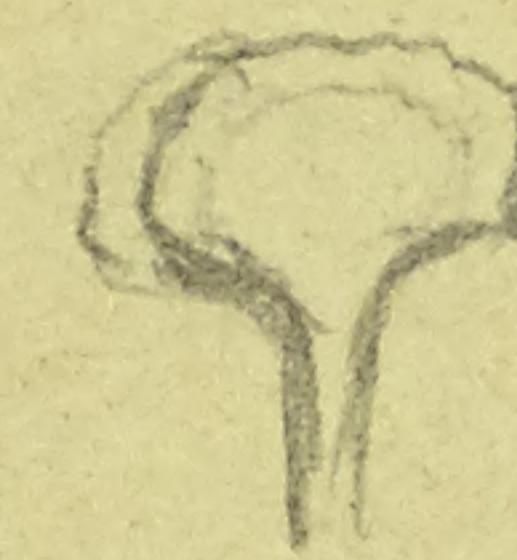
x2

x10



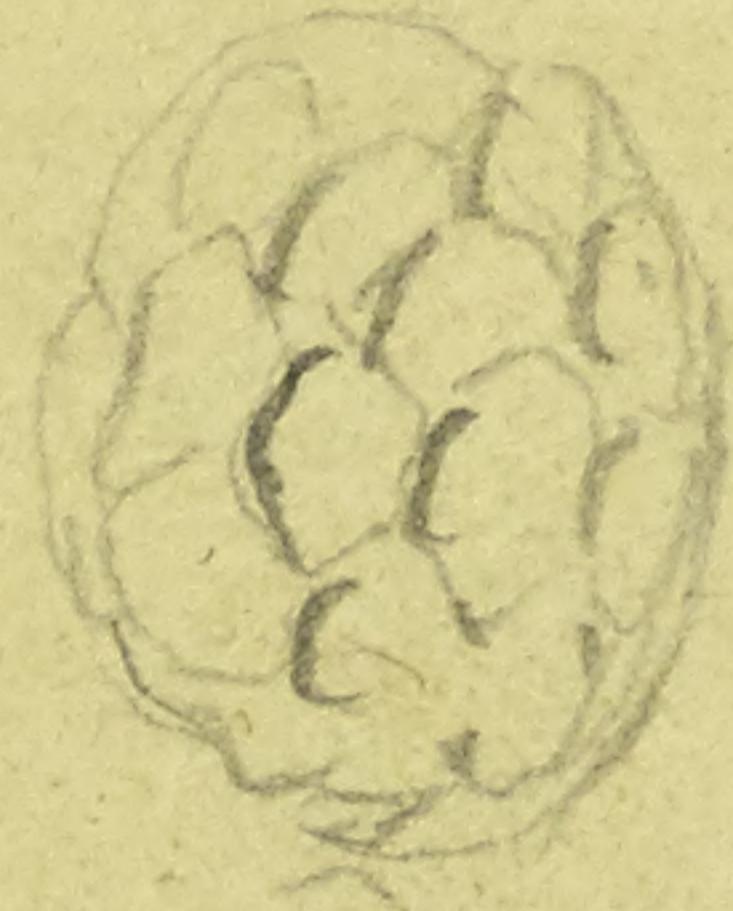
anther 1 mm

x10



stigma 0.8 mm

x60



Tube a little longer
than corolla lobes
3.5 : 4.5 mm

Pl. = 8 mm long

Calyx as long or a little
longer than tube



0 1 2 3 4 5 6 7 8 9 10

cm

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O. D. Schiroeder

PHARMACEUTIST,
No. 3005 Olive Street,
Near Garrison Avenue,
ST. LOUIS, MO.

No.

Date,

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Jf

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3903



0 1 2 3 4 5 6 7 8 9 10
cm

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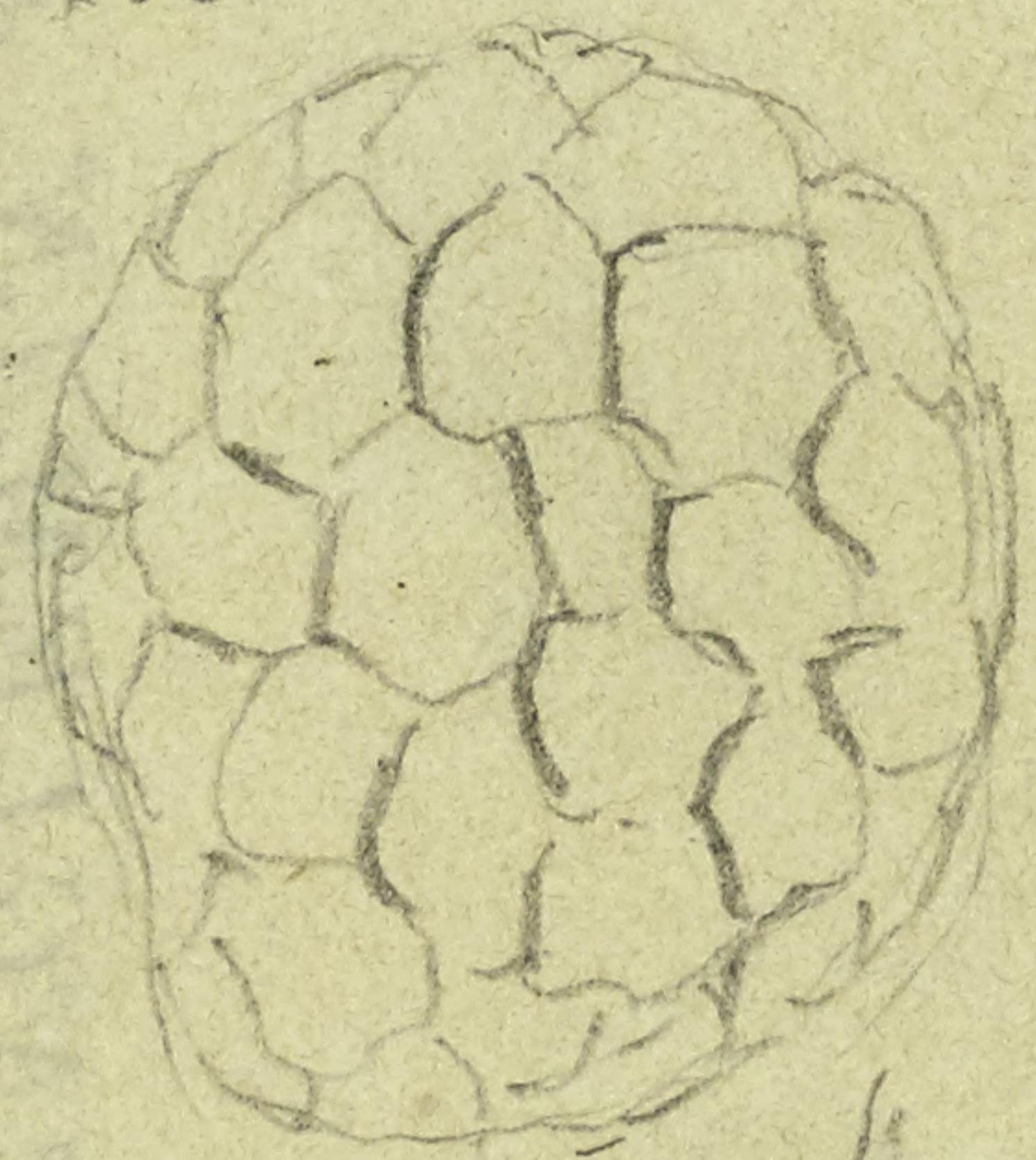
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Erythrea Chilensis

1855 Valdivia, C. Ohseenius - No Admen 1

Aug 31 1875

$\times 60$



= 0.45 mm

$\times 2$



$\times 2$



anther
 $\times 10$

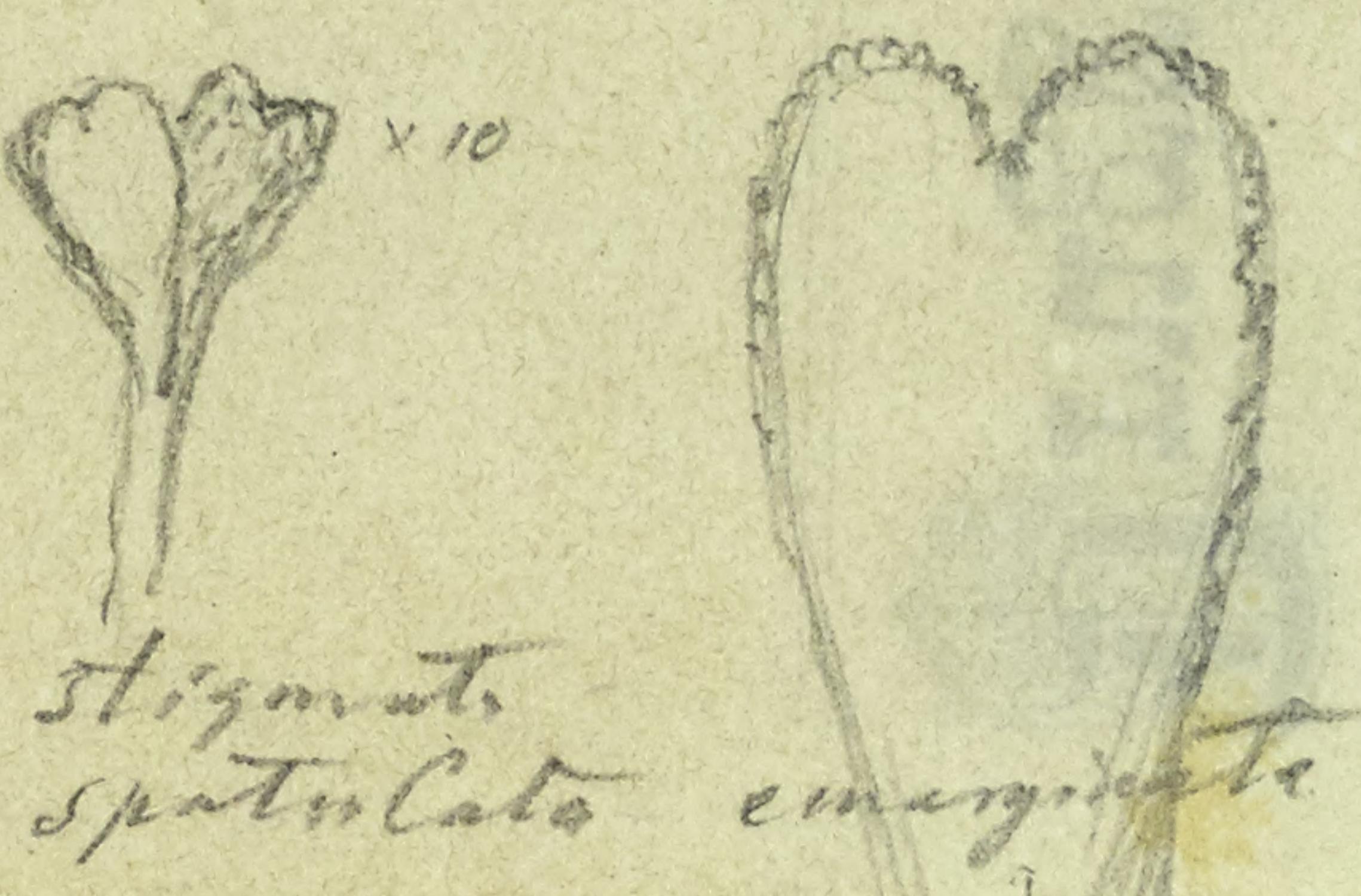
$\times 50$



$\times 10$



$\times 10$



$\times 30$

stigmata
spatulato emarginata



0 1 2 3 4 5 6 7 8 9 10

cm

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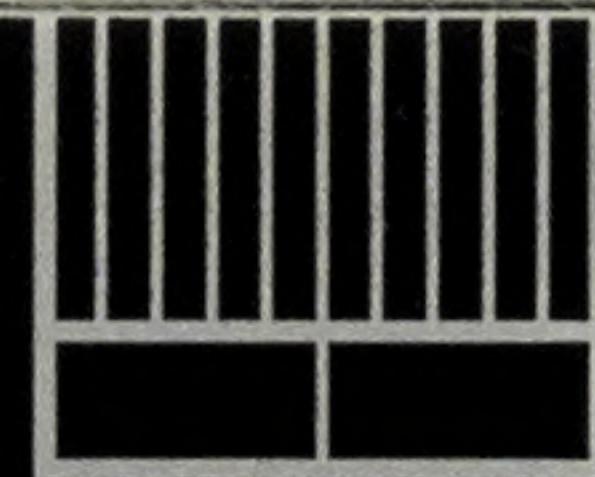
Fruggist & Pothecary



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0 1 2 3 4 5 6 7 8 9 10

cm

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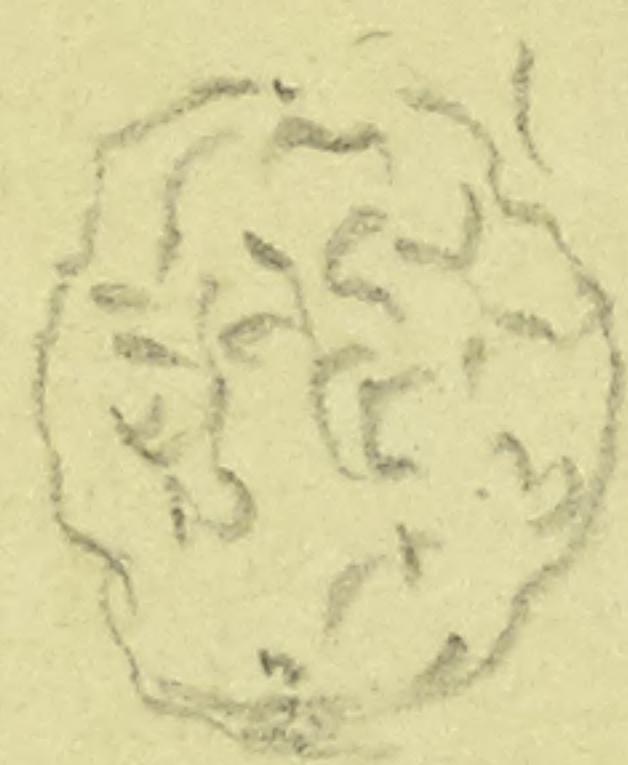
Erythronium *maritimum*
2 July

May 10 1875

immature

$\times 20$

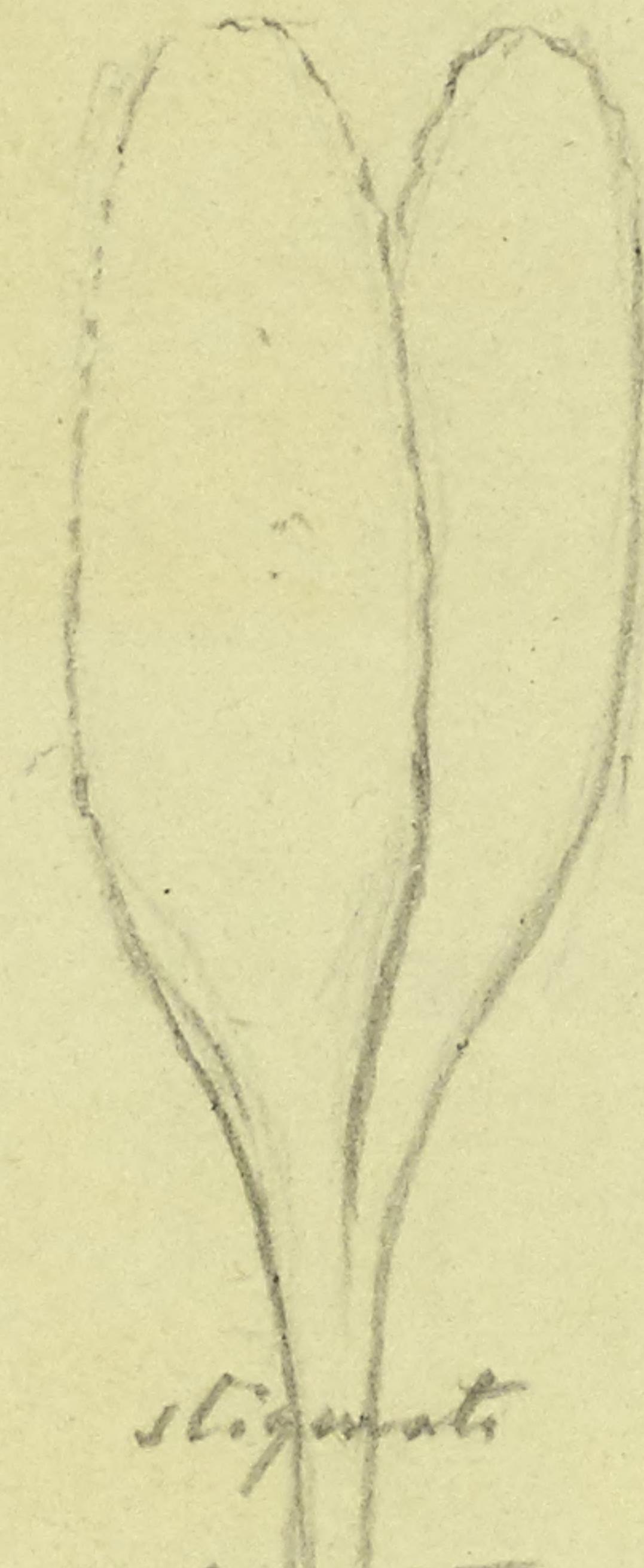
0.4 mm.



$\times 10$



$\times 10$



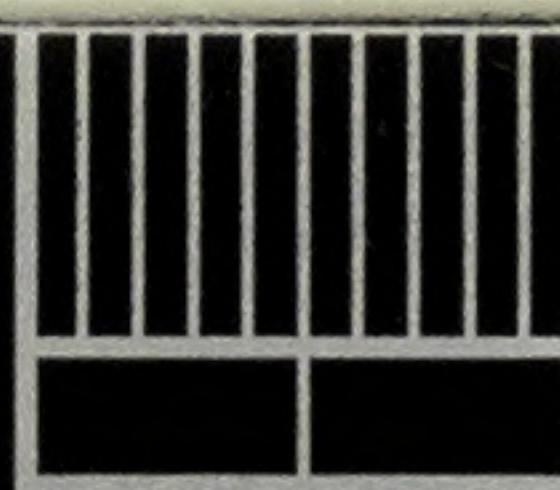
stigmas
ligules
oblong cream



calyx shorter or longer
than tube, tube slightly funnel-shaped
lobes outwards

gl. sessile

MISSOURI BOTANICAL GARDEN



0 1 2 3 4 5 6 7 8 9 10

cm

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O. Schröder,

PHARMACEUTIST,
No. 3005 Olive Street,
ST. LOUIS, MO.

Near Garrison Avenue,

No.

Date,

187

J. H.

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0 1 2 3 4 5 6 7 8 9 10

cm

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E. major Boiss.

May 13 1875

O. Centaurium major Griseb.

Algarve Portugal, Grisbush dad

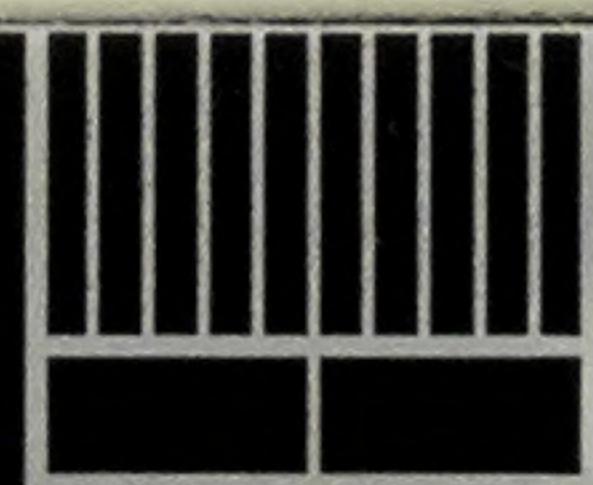
x10

x10

x2



lobes longer
than tube



0 1 2 3 4 5 6 7 8 9 10

cm

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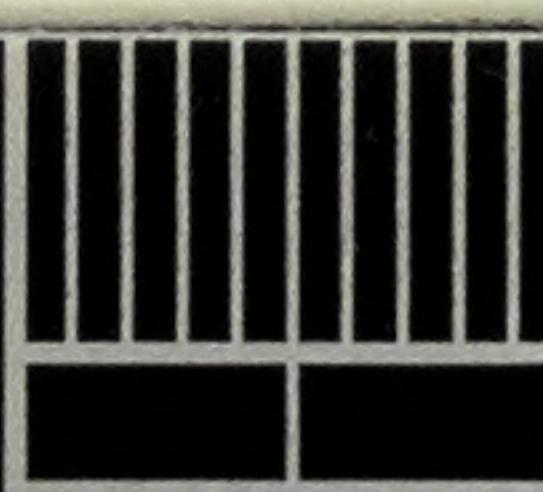
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0 1 2 3 4 5 6 7 8 9 10

cm

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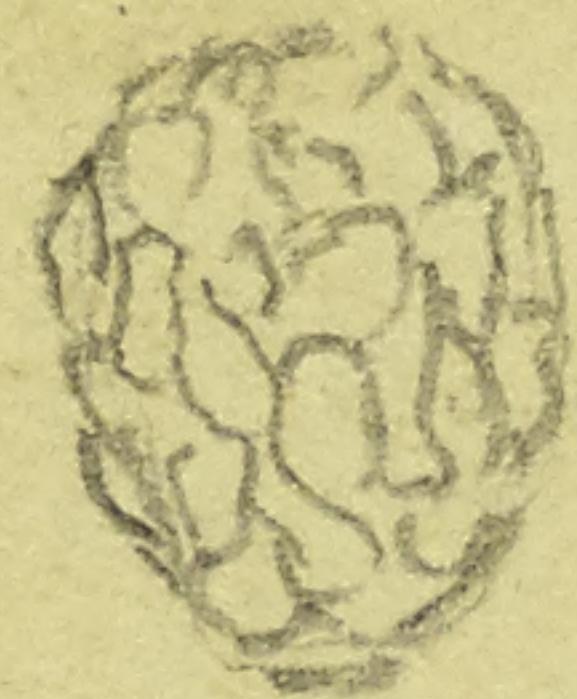


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Erythrus spinosus
Fransc

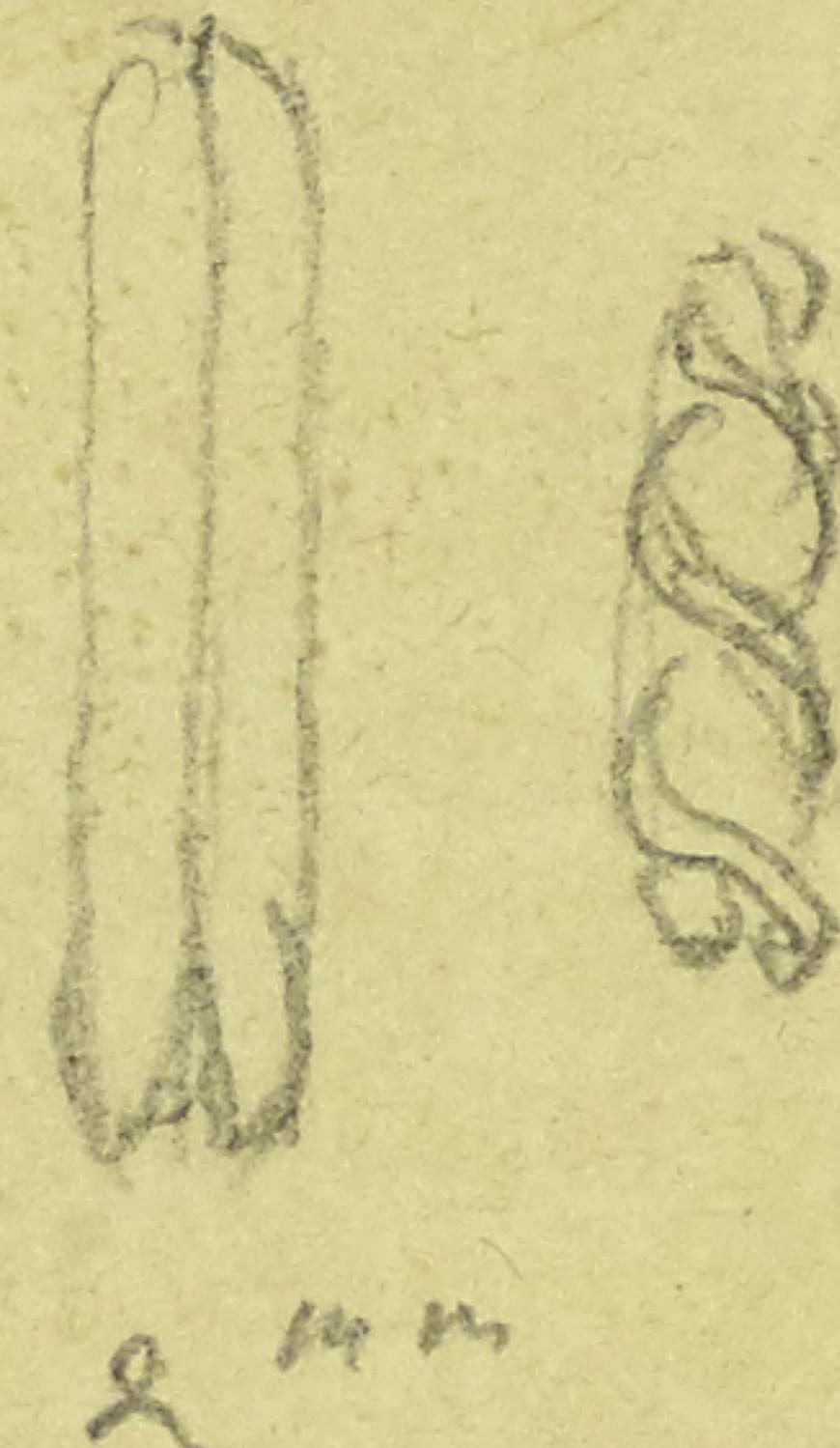
May 10 1875

x 30



0.4 mm

x 10



x 10



x 2



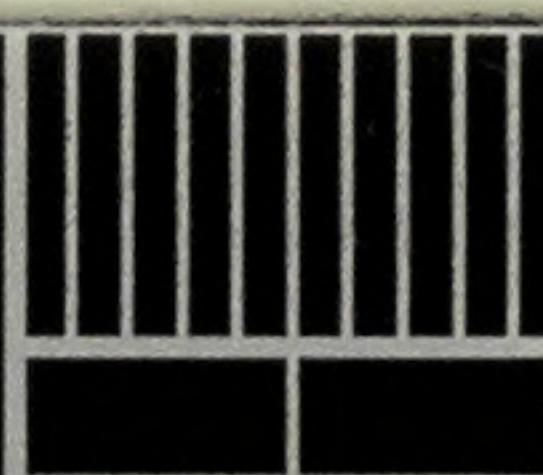
Telefusor, hope, 26368

D. D.

1. cap. crenat. yellow



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0 1 2 3 4 5 6 7 8 9 10

cm

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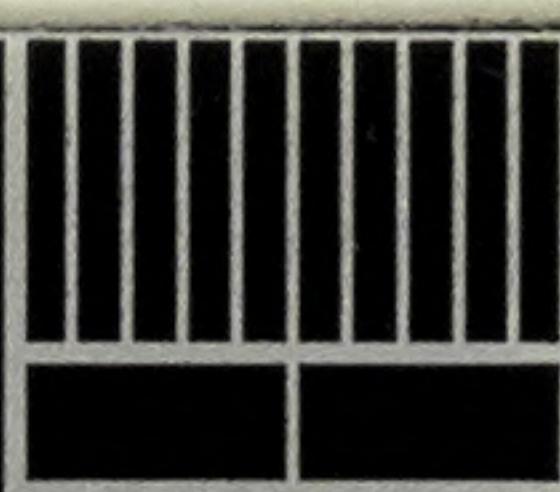
Near Garrison Avenue,

No.

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GEORGE ENGELMANN PAPERS

RJ



0 1 2 3 4 5 6 7 8 9 10

cm

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Erythraea speciosa

Sept 1 1875

x 30



x 10



stigma 0.7 mm wide, 0.5 high.



0 1 2 3 4 5 6 7 8 9 10

cm

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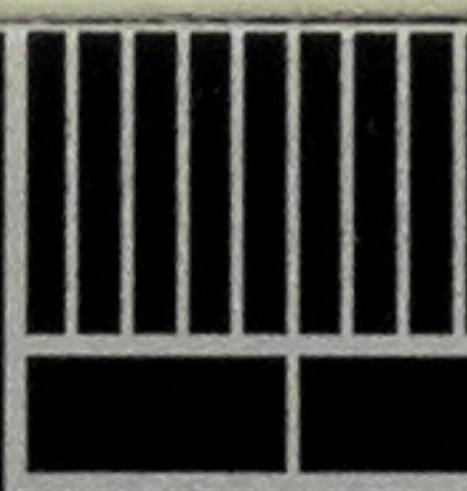
Druggist & Apothecary

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0 1 2 3 4 5 6 7 8 9 10
cm

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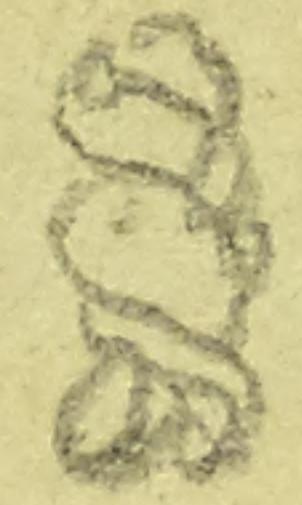
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"Crythraea lobifolia" P. Timofon May 14 1875

Spain.

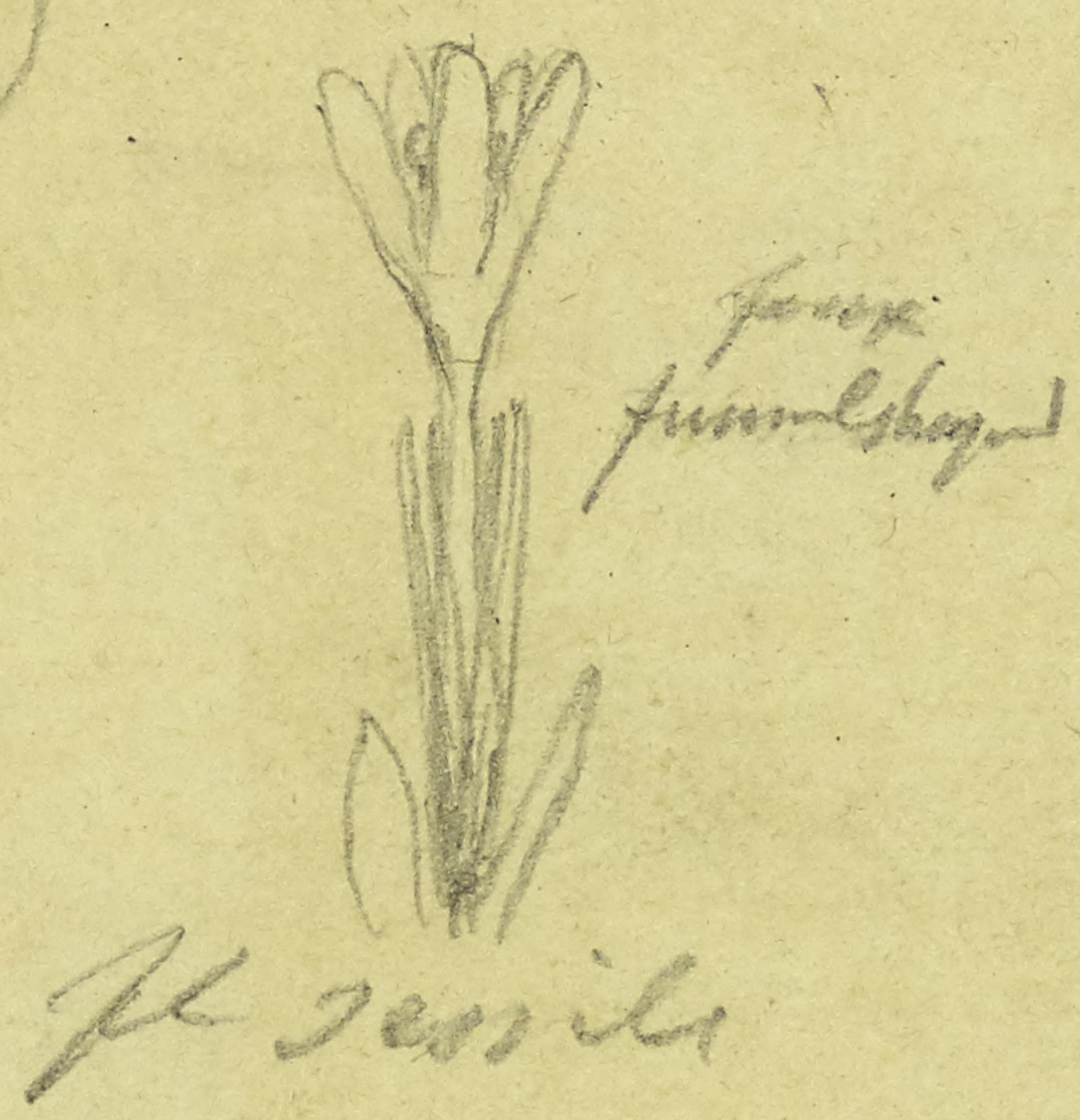
Griselbach

Dec
1875



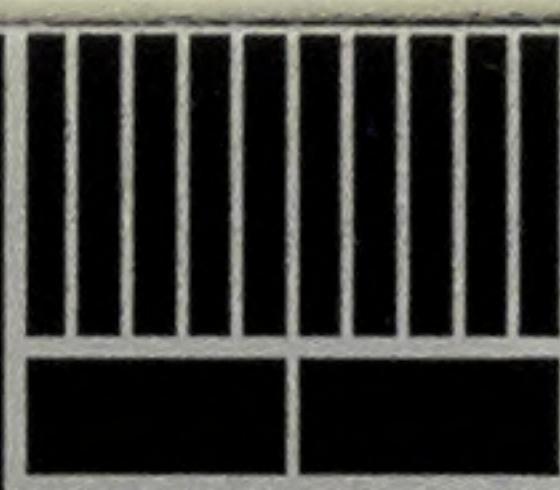
x2

x10



floriferous

spike
spuriflorous



0 1 2 3 4 5 6 7 8 9 10

cm

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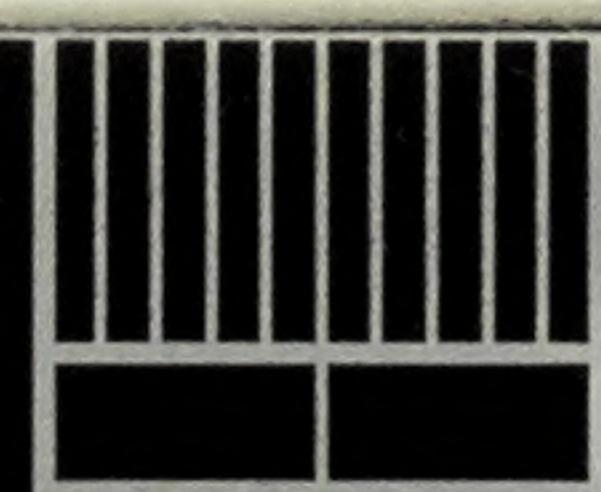
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MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

3909



0 1 2 3 4 5 6 7 8 9 10

cm

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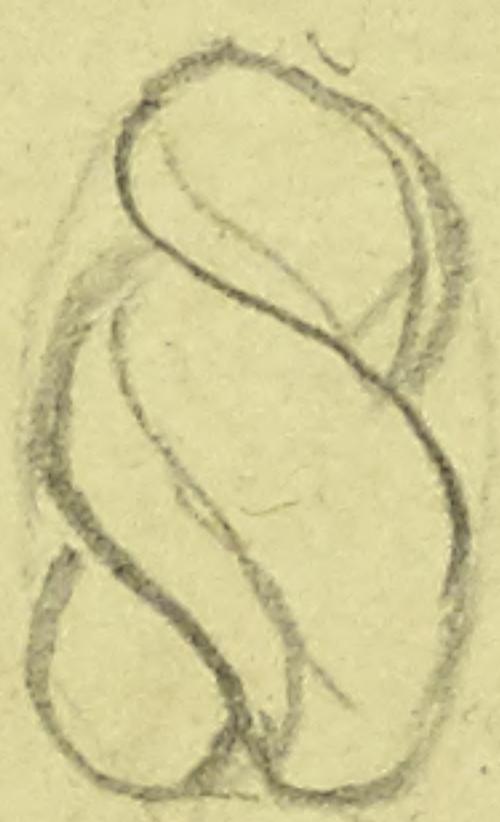
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E. californicus

May 14 1875

Fransc

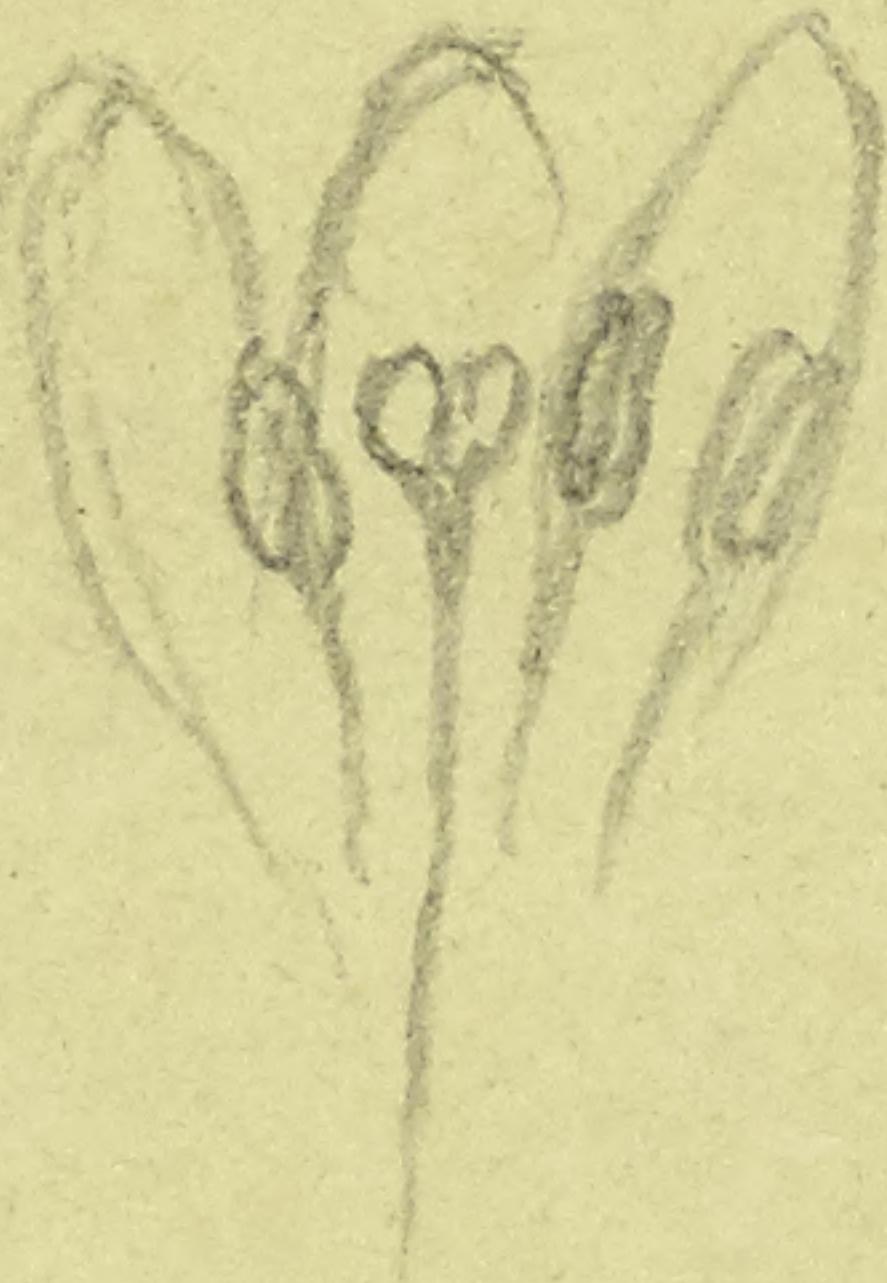
$\times 10$



$\times 2$

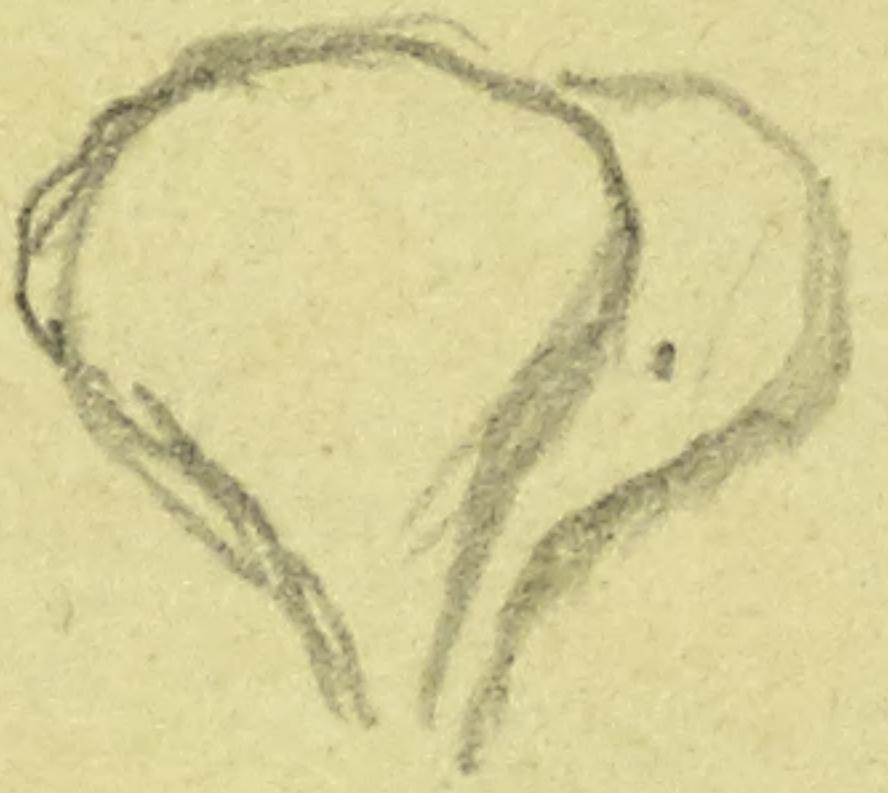


$\times 10$

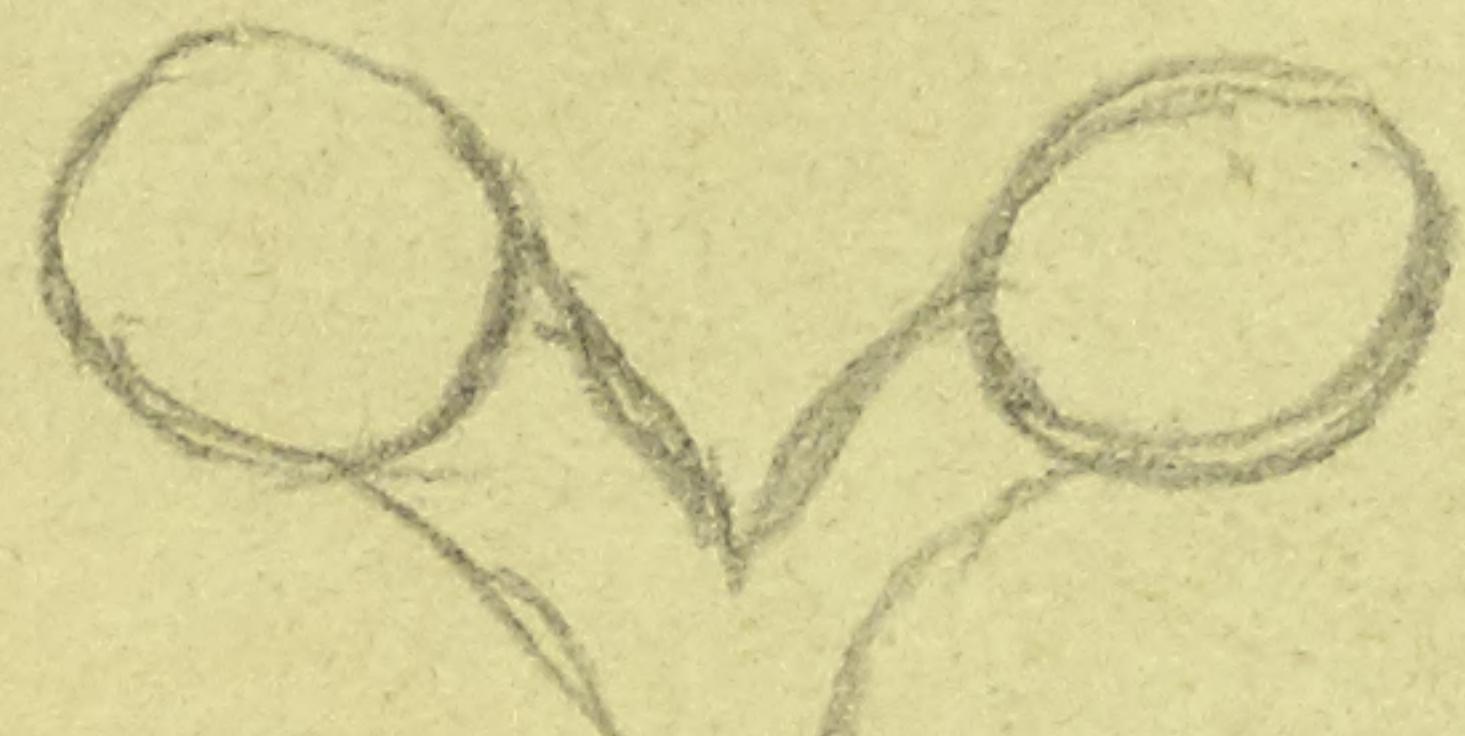


Vol
101

style bifida
oligotrichous
stipitatis



$\times 10$



stigma under 10x
pressure, so that
flowers were very hard pressed

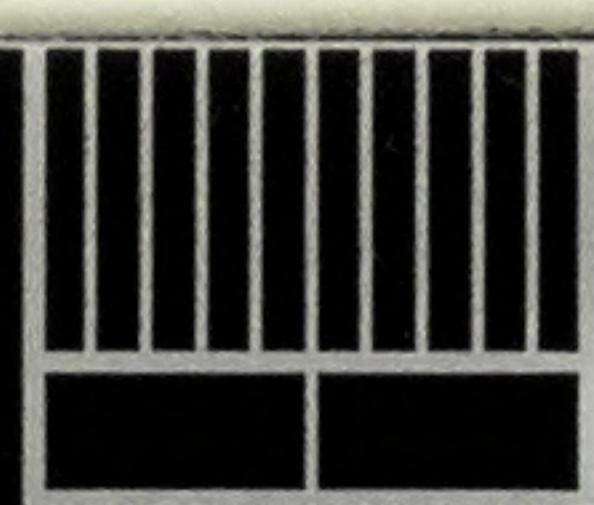
10
11
12

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GARDEN



0 1 2 3 4 5 6 7 8 9 10

cm

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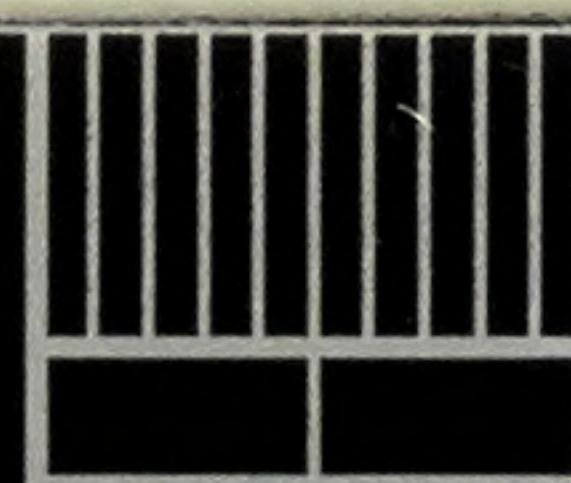
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3910



0 1 2 3 4 5 6 7 8 9 10
cm

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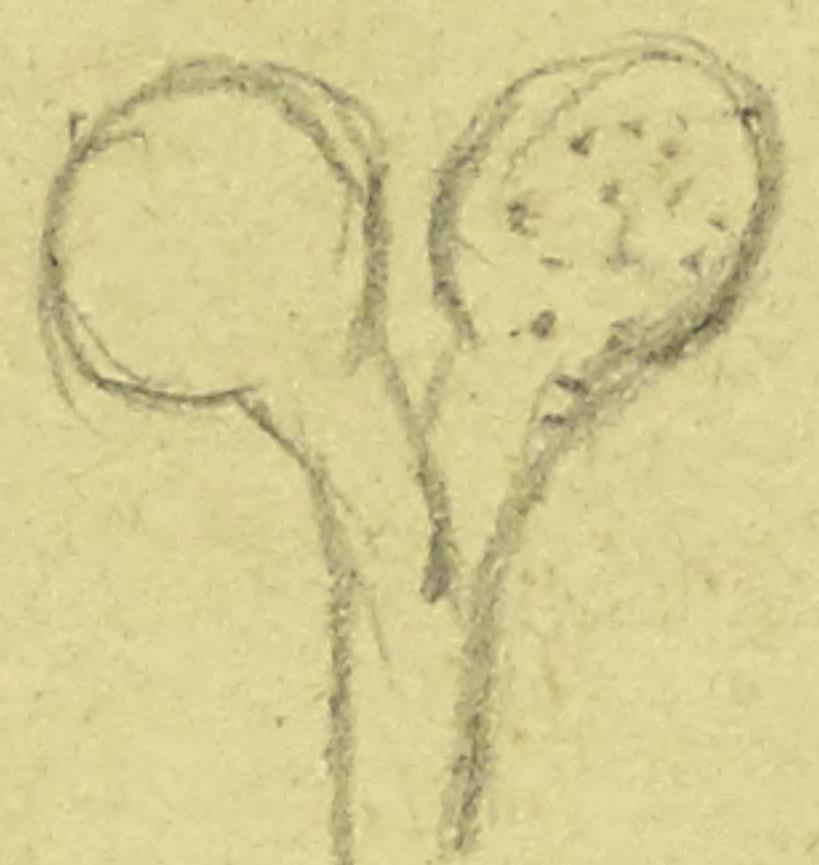
E. Crassifolia
Aster, New England

May 4 1875

x 60



x 60



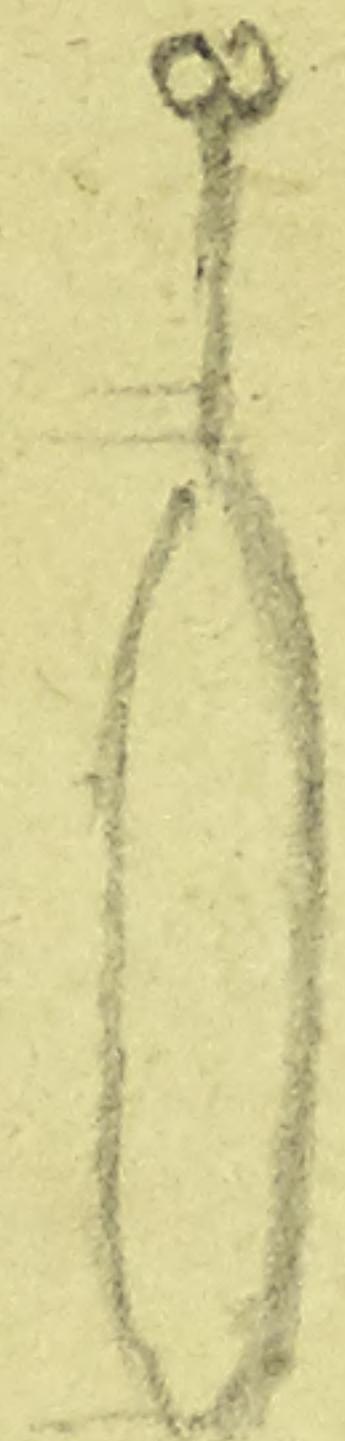
x 2



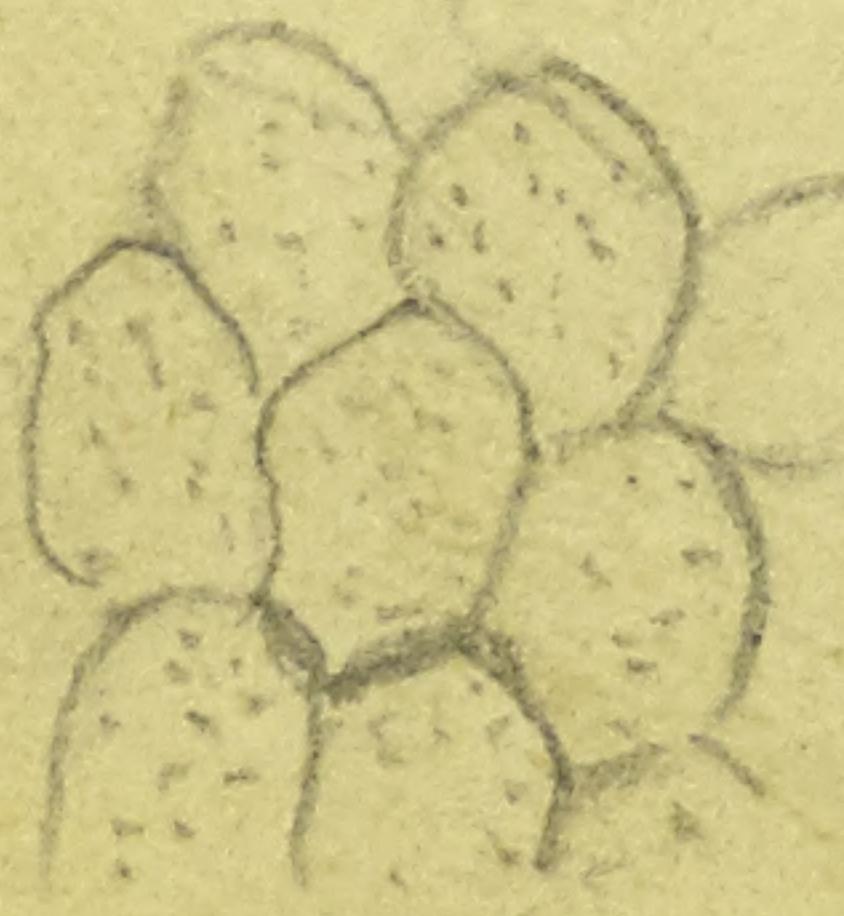
ripe seed
x 30



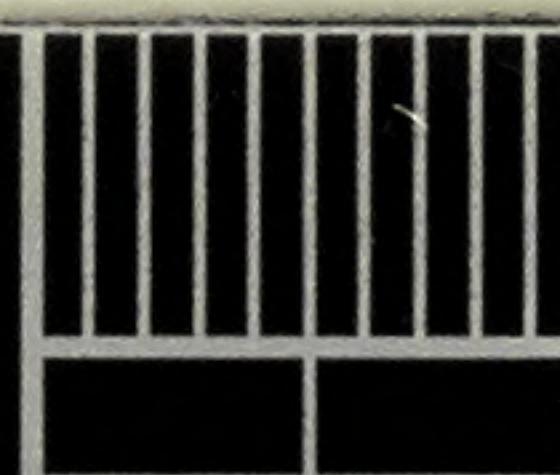
0.5 mm



x 60



seed oblique
ridges sharp
area finely punctate



0 1 2 3 4 5 6 7 8 9 10

cm

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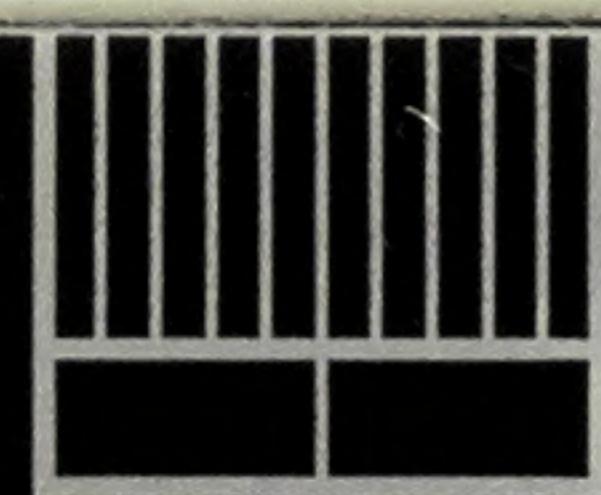
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MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

3911



0 1 2 3 4 5 6 7 8 9 10
cm

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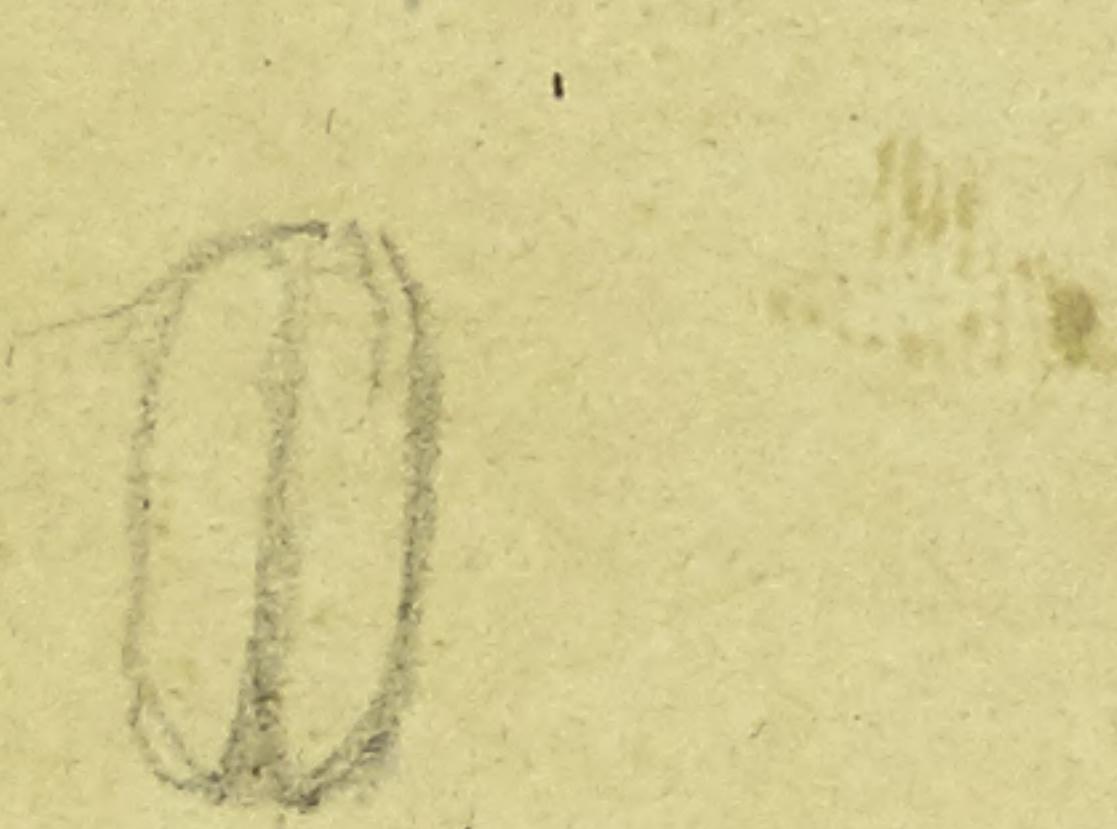
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Erythron chlodes

May 16 1875

Frans = *Graziophyllum B. humile*

x10



x10

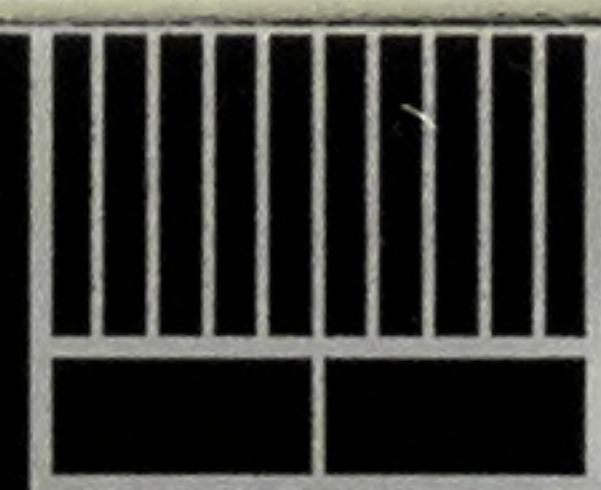
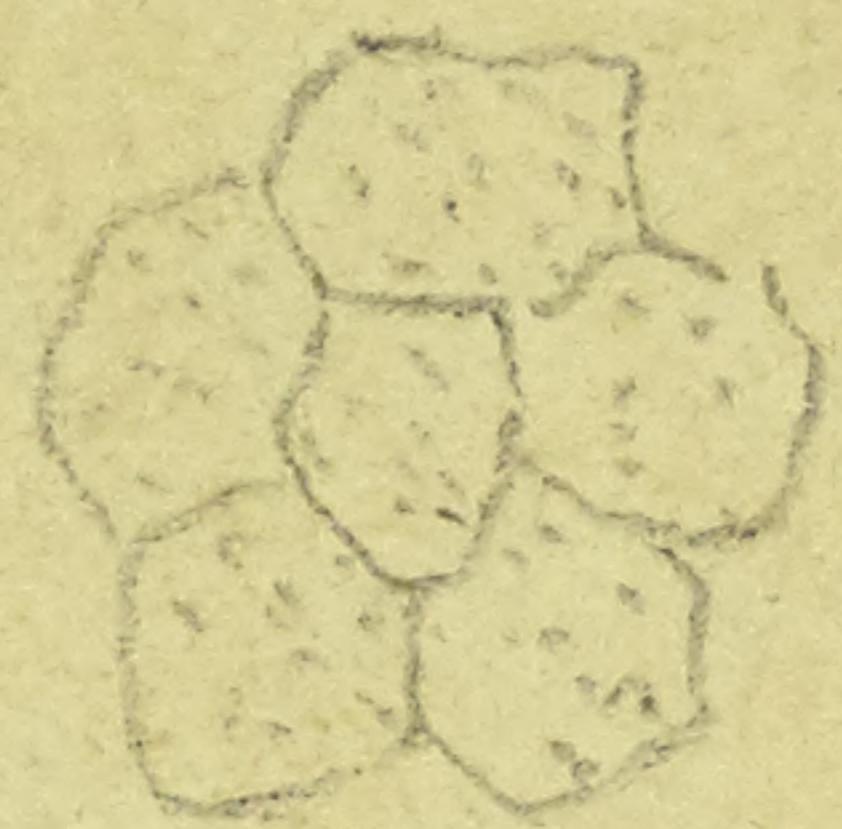


ripe seed

x30



x60



0 1 2 3 4 5 6 7 8 9 10

cm

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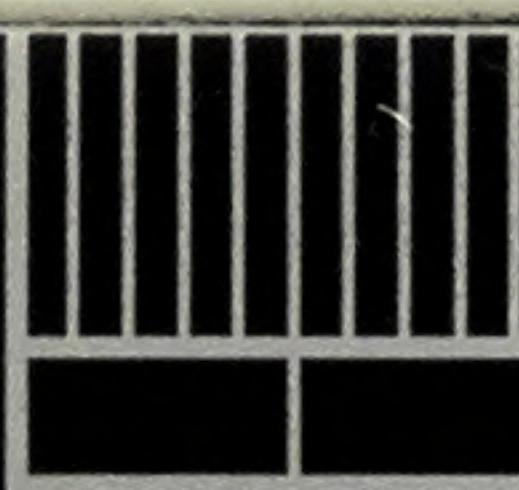
Date,

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JL

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

3912



0

1

2

3

4

5

6

7

8

9

10

cm

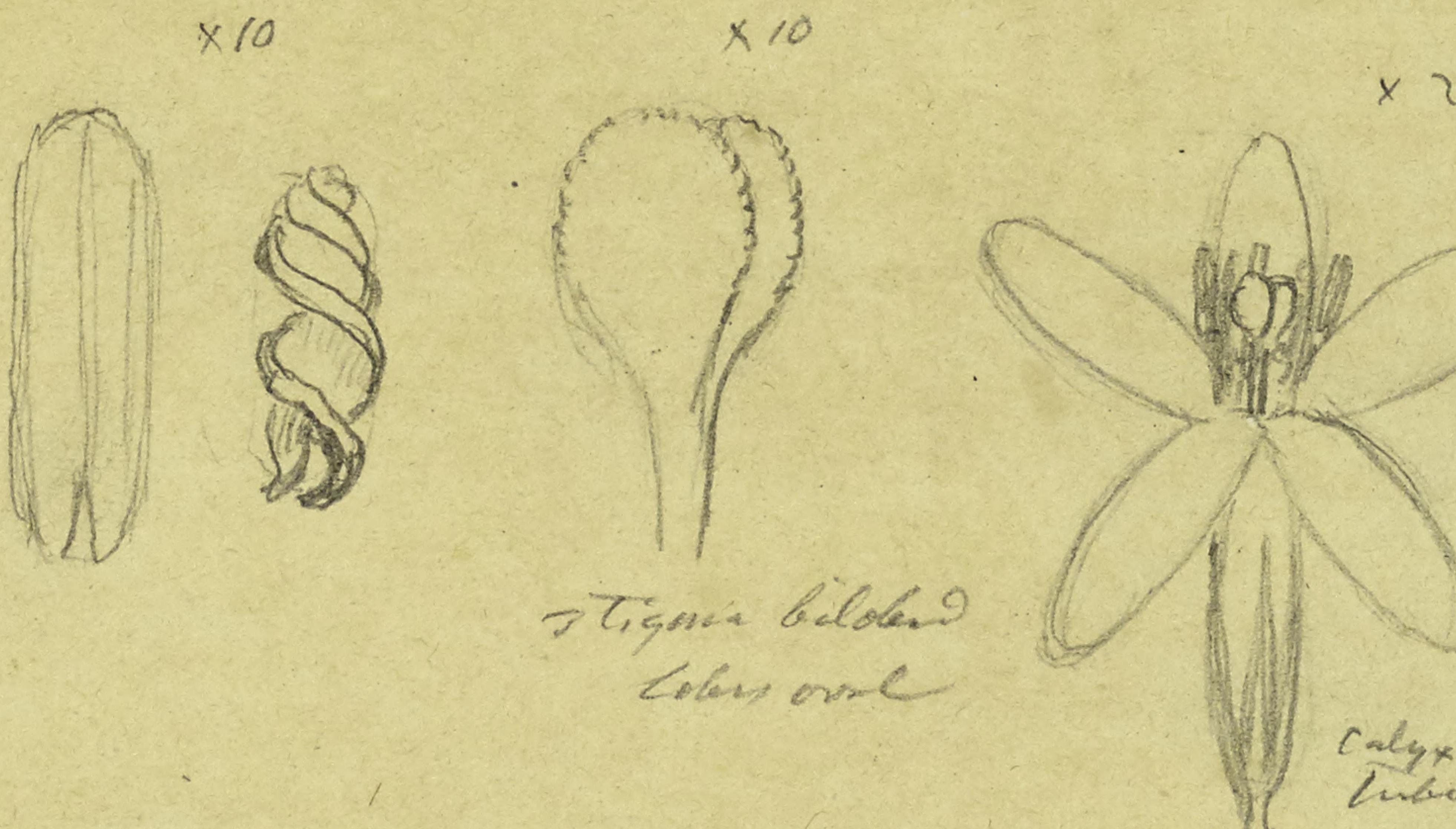
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Erythraea Contorta -
Europe 1

May 10. 1875



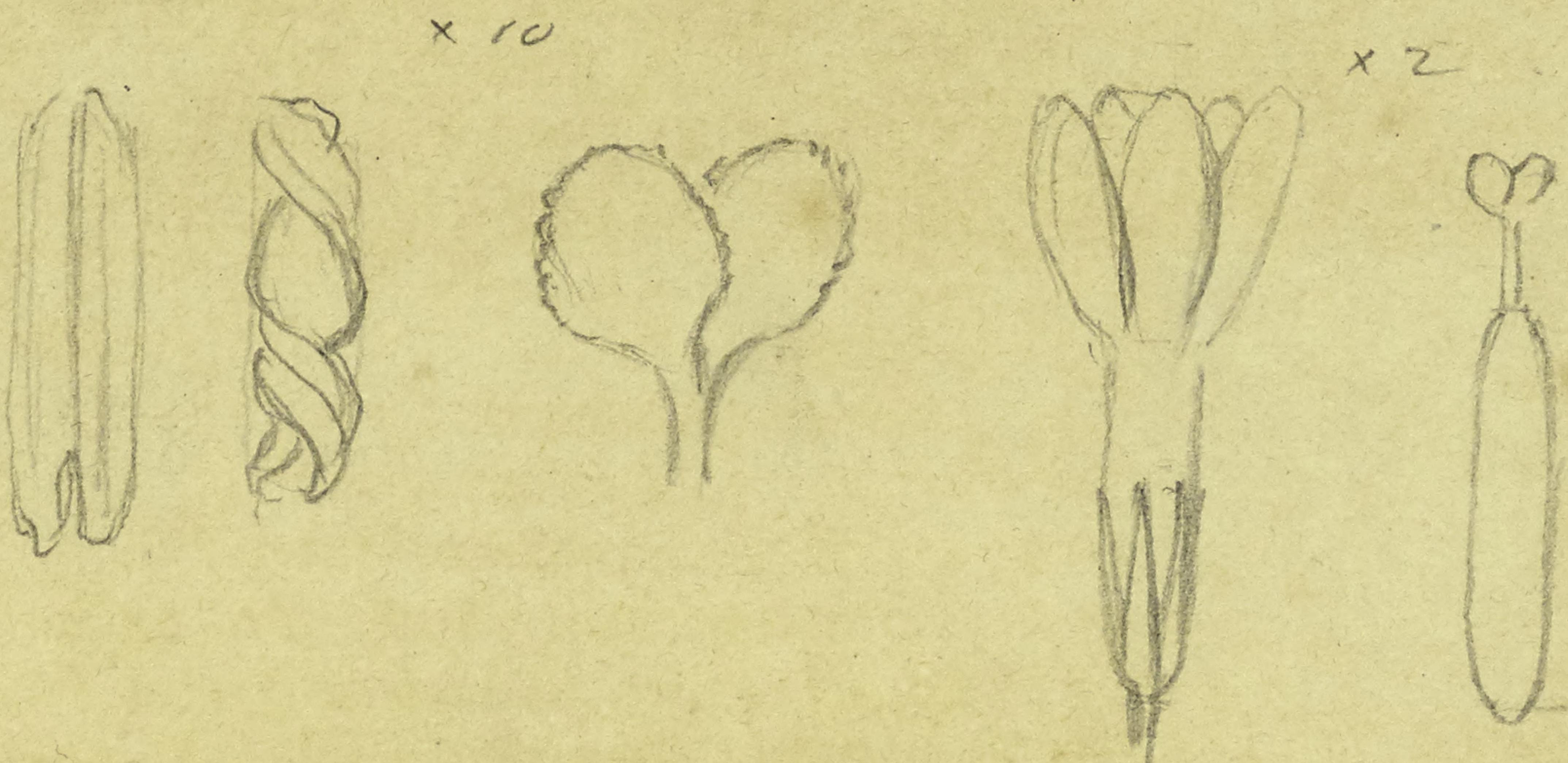
7 Tigon bilobed
lobes oval

x 2

fl. subsessile
tube cylindric longer than
lobes, much longer than Calyx

Fontainebleau 1857

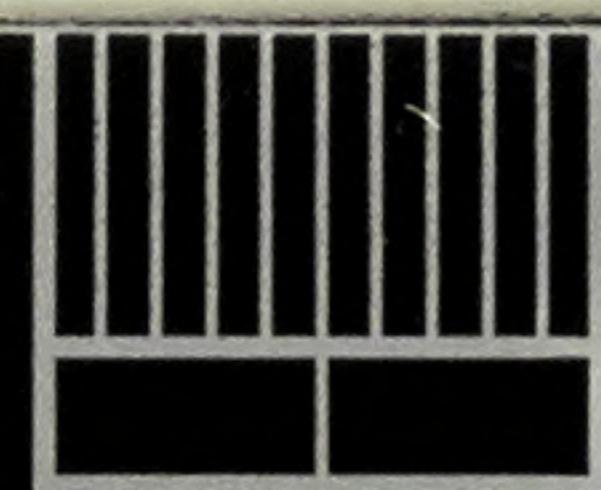
antr. 2.2 mm



Fontainebleau 1826

x 30

seed 0.3 mm
immature



0 1 2 3 4 5 6 7 8 9 10

cm

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ST. LOUIS, MO.

Near Garrison Avenue,

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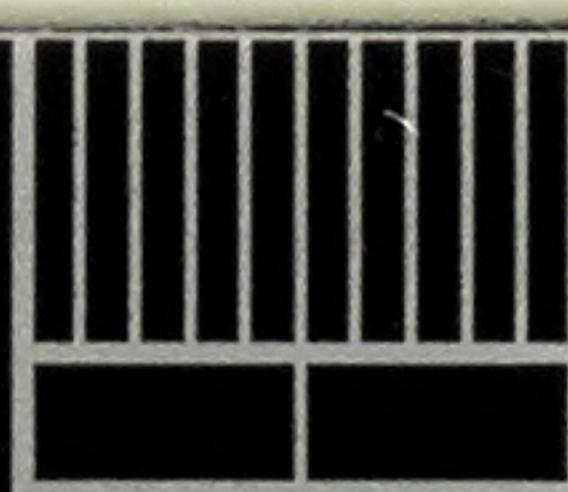
Date,

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GEORGE ENGELMANN PAPERS

3913



0 1 2 3 4 5 6 7 8 9 10

cm

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MISSOURI
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GARDEN

Oct 19 1876
Cambridge

x 10



x 10



x 2



Erythronium pulchellum

Friest, Tasmania
style branched

135

845
325



0 1 2 3 4 5 6 7 8 9 10

cm

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MISSOURI
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GARDEN

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MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

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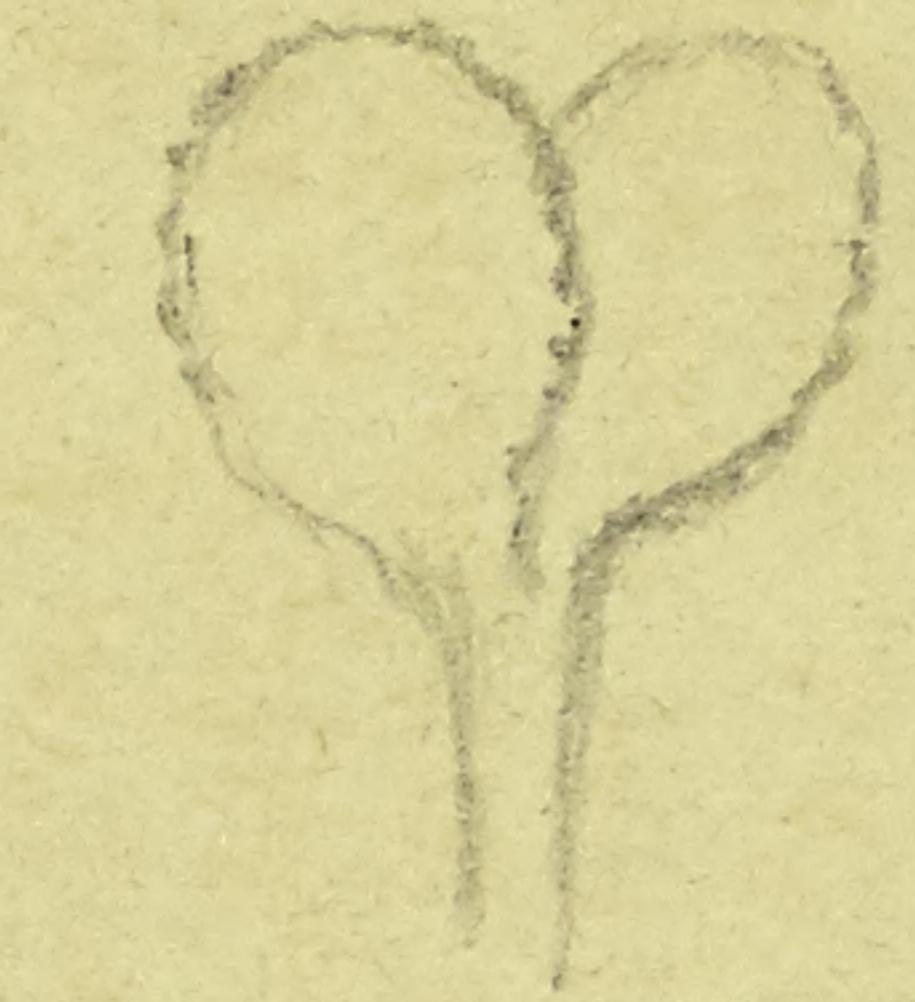
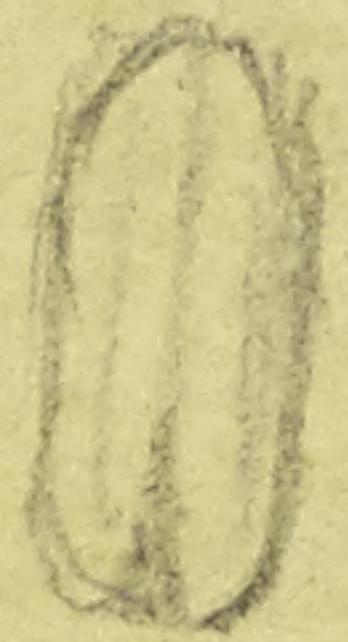
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Erythraea pulchella

May 10 1875

X 2

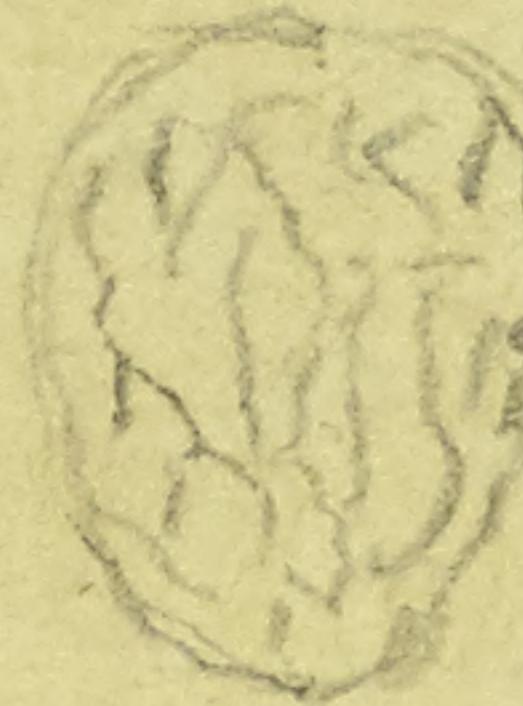
X 10



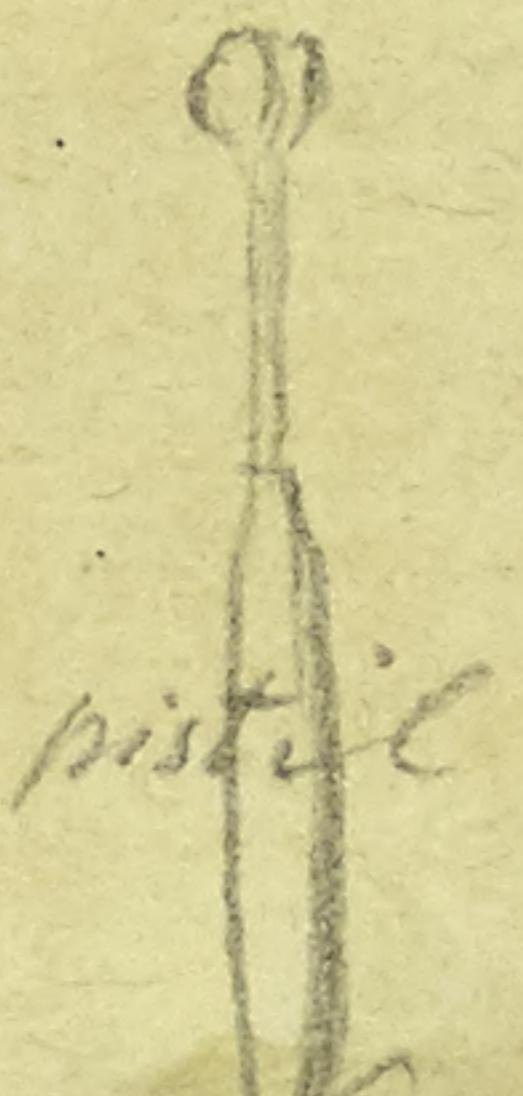
stigma lobed

lobes oval

X 30
= 0.38 mm



seed more rugose
than reticulate



pistil

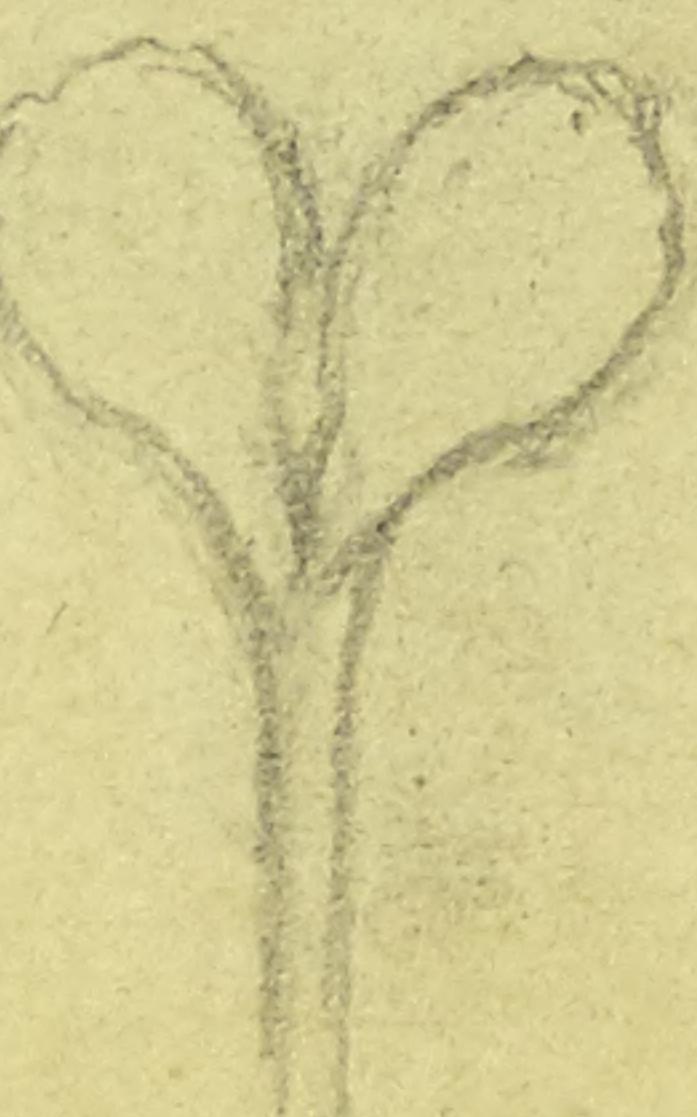


capsule

fl. subsessile or peduncled
tube funnel-shaped upward
longer than lobes (oblong
dentate)
calyx nearly as long as tube

stigma reaching
up to face only, almost isolated

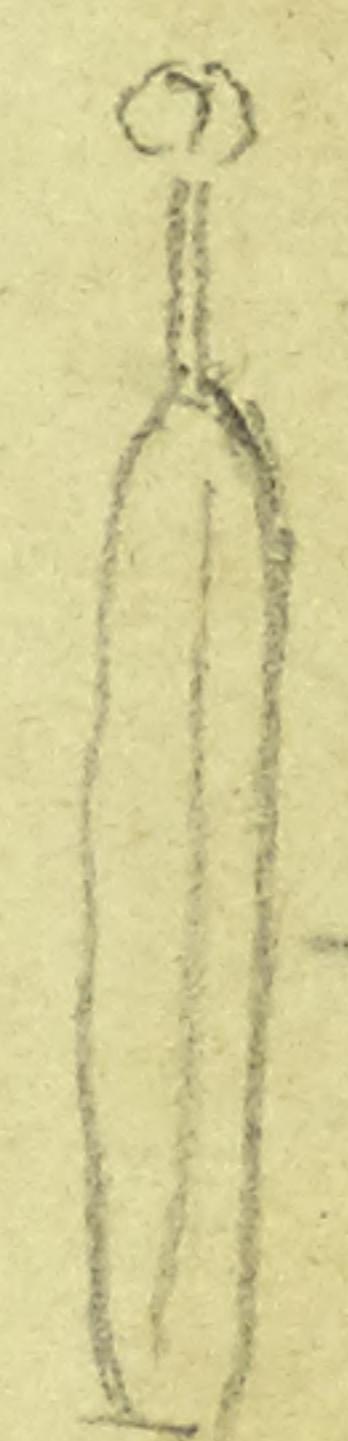
X 10



X 30
= 0.32 mm



pistil



capsule

anth.

0.8-1-

Year common name

Year common name

stigma reaching
to anthers, & middle of lobes



0 1 2 3 4 5 6 7 8 9 10

cm

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MISSOURI
BOTANICAL
GARDEN

D. Schreider

PHARMACEUTIST,
No. 3005 Olive Street,
Near Garrison Avenue,
ST. LOUIS, MO.

187

Date,

No.

J. J.

MISSOURI BOTANICAL GARDEN
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3915



0 1 2 3 4 5 6 7 8 9 10

cm

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GARDEN

Cambridge 19 Oct 1876

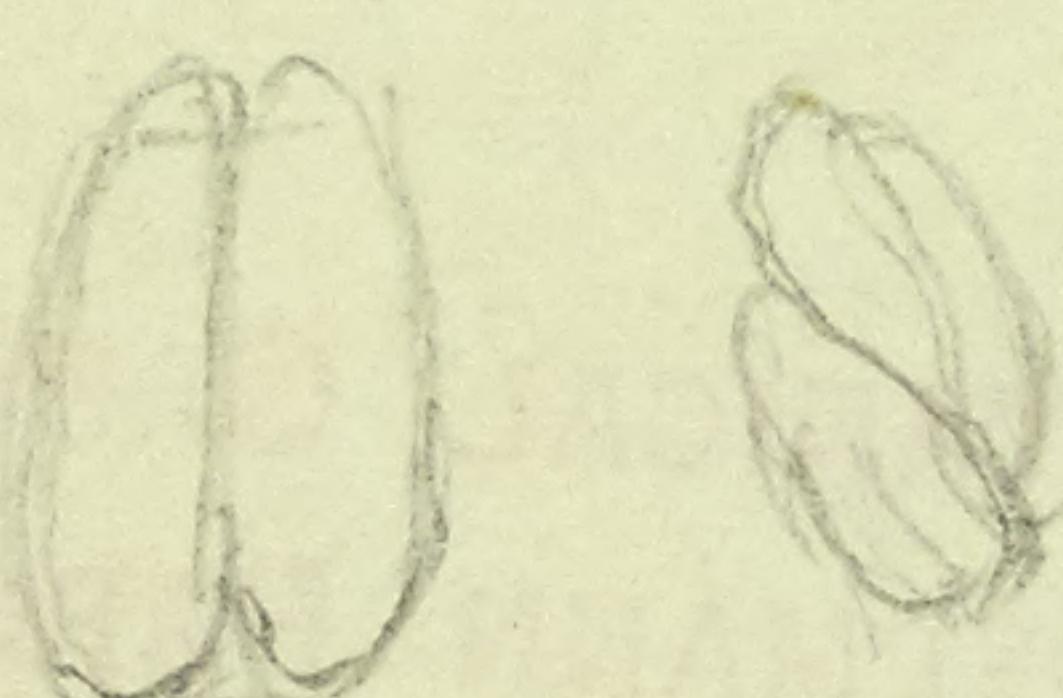
Erythron australis R. Br.

Frost Felix Sickey Wright

x10

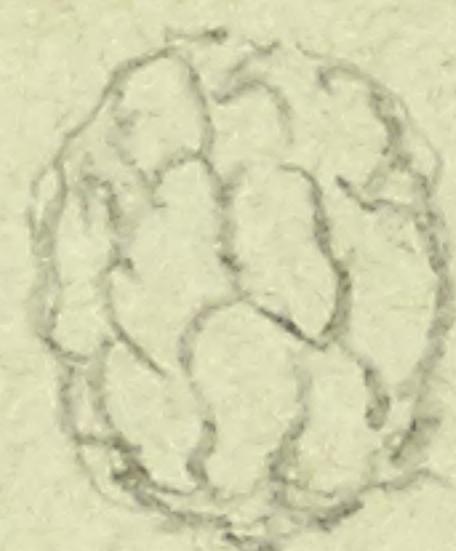


x10



seeds immature 0.3 mm

x30



stigmas broader
than long, though
not as 'flabellate'
as in the majority
of American species



0 1 2 3 4 5 6 7 8 9 10

cm

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cm

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